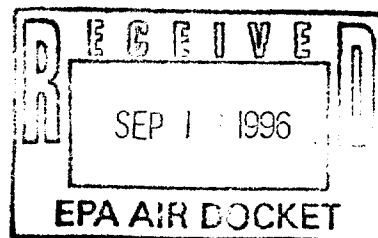


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Subcategory II-A
EPA Studies or Contractor Reports

<u>Item No.</u>	<u>Description</u>
II-A-1	Cost Impact Assessment Results in Support of the Report to Congress on Special Wastes from Mineral Processing, Technical Background Document, Attachment F. Undated.
II-A-2	Background Information for Standards of Performance: Phosphate Fertilizer Industry-- Volume 1: Proposed Standards. Publication No. EPA-450/2-74-019a. October 1974.
II-A-3	Background Information for Standards of Performance: Phosphate Fertilizer Industry-- Volume 2: Test Data Summary. Publication No. EPA-450/2-74-019b. October 1974.
II-A-4	Fluoride Emission from Phosphoric Acid Plant Gypsum Ponds. W. R. King and J. K. Ferrell, North Carolina State University. Prepared for the U. S. Environmental Protection Agency, Washington, DC. Publication No. EPA-650/2-74-095. October 1974. pp. 1 thru 13.
II-A-5	Inspection Manual for Enforcement of New Source Performance Standards. Phosphate Fertilizer Plants. Prepared for the U. S. Environmental Protection Agency, Washington, DC. Publication No. EPA-340/1-77-009. March 1977.
II-A-6	Remote Monitoring of Fluoride Emission from Gypsum Ponds. Contractor's Preliminary Report. The Research Corporation of New England. Prepared for the U. S. Environmental Protection Agency, Washington, DC. November 1977.



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EPA Studies or Contractor Reports

<u>Item No.</u>	<u>Description</u>
II-A-7	Air Pollutant Control Techniques for Phosphate Rock Processing Industry. D. N. Augenstein, PEDCo Environmental, Inc. Prepared for the U. S. Environmental Protection Agency, Research Triangle Park, N.C. Publication No. EPA-450/3-78-030. June 1978. pp. 2-1 thru 2-6, and 3-27 and 3-28.
II-A-8	Evaluation of Emissions and Control Techniques for Reducing Fluoride Emissions from Gypsum Ponds in the Phosphoric Acid Industry. A. A. Linero and R. A. Baker, Environmental Science and Engineering, Inc. Prepared for the U. S. Environmental Protection Agency, Washington, DC. Publication No. EPA-600/2-78-124. June 1978. pp. 45, 46, 50, 57, 58, 64 thru 80, 141, and 153 thru 200.
II-A-9	Source Assessment Phosphate Fertilizer Industry. Monsanto Research Corporation, Dayton, Ohio. Prepared for the U. S. Environmental Protection Agency, Research Triangle Park, N.C. Publication No. 600/2-79-019c. May 1979.
II-A-10	Evaluation of Control Technology for the Phosphate Fertilizer Industry. V. G. Boscak, The Research Corporation of New England. Prepared for the U. S. Environmental Protection Agency, Washington, DC. Publication No. 600/2-79-169. August 1979.
II-A-11	Review of New Source Performance Standards for Phosphate Fertilizer Industry--Revised. Publication No. EPA-450/3-79-038R. November 1980.
II-A-12	Correlation of Remote and Wet Chemical Sampling Techniques for Hydrogen Fluoride from Gypsum Ponds. H. Schiff, et al., GCA Corporation. Prepared for the U. S. Environmental Protection Agency, Washington, DC. Publication No. EPA-340/1-80-019. March 1981.

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<u>Item No.</u>	<u>Description</u>
II-A-13	Industry and Particulate Matter Control Technology Information for Diammonium Phosphate and Granular Triple Superphosphate Manufacture. J. L. Shumaker, TRW Environmental Division. Prepared for the U. S. Environmental Protection Agency, Research Triangle Park, N.C. December 15, 1982.
II-A-14	Compilation of Air Pollutant Emission Factors. Volume I: Stationary Point and Area Sources. AP-42. Fourth Edition. September 1985. pp. 5.11-1 thru 5.11-5, 6.8-1 thru 6.8-8, 6.10.1-1 thru 6.10-1-4, 6.10.2-1 thru 6.10.2-5, 6.10.3-1 thru 6.10.3-4, and 8.18-1 thru 8.18-5.
II-A-15	Municipal Waste Combustors--Background Information for Proposed Standards: Cost Procedures. Publication No. EPA-450/3-89-27a. August 1989.
II-A-16	Stationary Source Sampling Report--TexasGulf Chemical Company, Phosphoric Acid Plant. Total Reduced Sulfur Compliance Testing. Entropy Environmentalists, Inc. Prepared for the U. S. Environmental Protection Agency. August 17 through 22, 1987.
II-A-17	Municipal Waste Combustors--Background Information for Proposed Guidelines for Existing Facilities. Radian Corporation and Energy and Environmental Research Corporation. Prepared for the U. S. Environmental Protection Agency, Research Triangle Park, N.C. Publication No. EPA-450/3-89-27e. August 1989. p. 6-66.
II-A-18	EPA & Industry Mineral Processing Database. RCRA Hazardous Waste Characteristics. Exhibit 2. Hydrofluoric Acid Wet Process/Fluorogypsum. U. S. Environmental Protection Agency, Office of Solid Waste. April 9, 1990.

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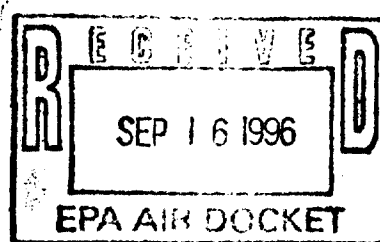
<u>Item No.</u>	<u>Description</u>
II-A-19	EPA & Industry Mineral Processing Database. RCRA Hazardous Waste Characteristics. Exhibit 2. Phosphoric Acid Wet Process/Phosphogypsum. U. S. Environmental Protection Agency, Office of Solid Waste. April 17, 1990.
II-A-20	EPA & Industry Mineral Processing Database. RCRA Hazardous Waste Characteristics. Exhibit 2. Phosphoric Acid Wet Process/Process Wastewater. U. S. Environmental Protection Agency, Office of Solid Waste. April 17, 1990.
II-A-21	EPA & Industry Mineral Processing Database. RCRA Hazardous Waste Characteristics. Exhibit 1. Phosphoric Acid Wet Process/Process Wastewater. U. S. Environmental Protection Agency, Office of Solid Waste. April 30, 1990.
II-A-22	Determination of Facility-Specific Production, Capacity, Special Waste Annual Generation Rate, and Waste Management Practices for the Report to Congress on Special Waste from Mineral Processing. U. S. Environmental Protection Agency, Office of Solid Waste, Washington, DC. July 31, 1990.
II-A-23	Supplemental Information on Phosphoric Acid Production: Alternative Management of Process Wastewater at Phosphoric Acid Facilities. U. S. Environmental Protection Agency, Office of Solid Waste, Washington, DC. December 1990.
II-A-24	Comment Response Document Addressing the Notice of Data Availability for the Report to Congress on Special Wastes from Mineral Processing. U. S. Environmental Protection Agency, Office of Solid Waste, Washington, DC. May 20, 1991.

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<u>Item No.</u>	<u>Description</u>
II-A-25	Documentation for Developing the Initial Source Category List. Final Report. Publication No. EPA-450/3-91-030. July 1992. pp. 3-14, 3-22, 3-24, 3-28, A-69, B-149, B-150, B-156, B-159, and B-160.
II-A-26	Assessment of Potential Organic Emissions from Dredging Operations. Radian Corporation. Prepared for the U. S. Environmental Protection Agency, Research Triangle Park, N.C. March 30, 1993. p. 110.
II-A-27	Economic Analysis and Preliminary Regulatory Flexibility Analysis for Phosphoric Acid and Phosphatic Fertilizers. Research Triangle Institute. Prepared for T. G. Walton, U. S. Environmental Protection Agency, Research Triangle Park, N.C. August 1996.

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Docket No. A-94-02
Subcategory II-B
EPA Factual Memoranda

<u>Item No.</u>	<u>Description</u>
II-B-1	L. Beck and E. A. Grainger, EPA:ISB, to W. M. Vatauvuk, EPA:SDB. June 23, 1988. Model plants: phosphate rock and phosphate fertilizer plants NSPS reviews (ESD Project Nos. 88/09 and 88/10).
II-B-2	E. G. Page, EPA:ISB, to K. R. Durkee, EPA:ISB. August 1, 1989. Trip report for the Seminole Corporation phosphate operations survey in Bartow, Florida (ESD Project No. 88/09).
II-B-3	E. G. Page, EPA:ISB, to K. R. Durkee, EPA:ISB. September 27, 1989. Trip report for the Chevron Chemical Company in Rock Springs, Wyoming (ESD Project No. 88/10).
II-B-4	B. Maxwell, EPA:ISB, to Source Category List Docket No. A-90-49. September 13, 1991. Source category list discussion: ammonium phosphate production, fertilizer formulation and use, phosphate fertilizers, phosphoric Acid, and phosphorus production.
II-B-5	D. R. Bushman, EPA:OPTS, to Parties Interested in the Phosphoric Acid Production Wastes Project. May 28, 1992.
II-B-6	D. R. Bushman, EPA:OPTS, to Parties Interested in the Phosphoric Acid Production Wastes Project. May 28, 1992.
II-B-7	D. R. Bushman, EPA:OPTS, to Parties Interested in the Phosphoric Acid Production Wastes Project. May 28, 1992.
II-B-8	D. Painter, EPA:ESD, to File. June 26, 1995. Notes on emissions test reports for GTSP Storage Building at Cargill's Riverview plant.

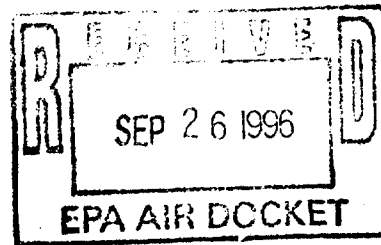


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Subcategory II-B
EPA Factual Memoranda

<u>Item No.</u>	<u>Description</u>
II-B-9	J. Keith and R. Pelt, Radian Corporation, to D. Painter, EPA:ISB. September 29, 1993. Evaluation of control technologies for reducing hydrogen fluoride emissions from phosphogypsum cooling ponds at phosphoric acid and phosphate fertilizer manufacturing facilities.
II-B-10	D. Painter, EPA:ESD to File. June 20, 1995. Testing and Monitoring Costs for Phosphate Fertilizers Industry NESHAP Project.
II-B-11	Trip Report for Texasgulf, Aurora, North Carolina. May 17 and 18, 1993. Phosphoric Acid Production Site Visit. (ESD Project No. 93/53).
II-B-12	Trip Report for Texasgulf, Aurora, North Carolina. May 17 and 18, 1993. Phosphate Fertilizer Production Site Visit. (ESD Project No. 93/53).
II-B-13	D. Painter, EPA:ESD, to W. Peters, EPA:AQSSD, March 11, 1996. Note Containing a Summary of Inputs to Health Effects Screening Analysis with Tables Showing Projected Emissions Reductions by Plant Location.
II-B-14	W.D. Peters, EPA:AQSSD, to J.U. Crowder, EPA:ESD, May 28, 1996. Memorandum Summarizing Health Effects Screening Study.
II-B-15	D. Painter, EPA:ESD, to T. Walton, EPA:ISEG/AQSSD. August 21, 1996. Small Business Impacts of NESHAP.
II-B-16	Summary of Test Data for Calciners at Texasgulf, Aurora, N.C. D. Painter, U. S. Environmental Protection Agency. September 21, 1994.

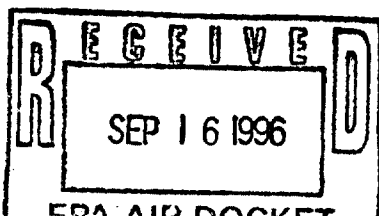
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<u>Item No.</u>	<u>Description</u>
II-B-17	D. Painter, EPA:ESD to File. May 3, 1995. Use of Evaporative Cooling Towers at Phosphoric Acid Manufacturing Plants.
II-B-18	D. Painter, EPA:ESD to File. May 10, 1995. Draft Memorandum Entitled "MACT Floor Determination for Purified Phosphoric Acid".
II-B-19	D. Painter, EPA:ESD to File. July 14, 1995. Testing and Monitoring Costs for Phosphate Fertilizers Industry NESHAP Project
II-B-20	D. Painter, EPA:ESD to Project File. September 24, 1996. National Emissions Standards for Hazardous Air Pollutants from Phosphoric Acid Manufacturing and Phosphate Fertilizers Production; Proposed Rules-Draft Technical Support Document and Additional Technical Information.

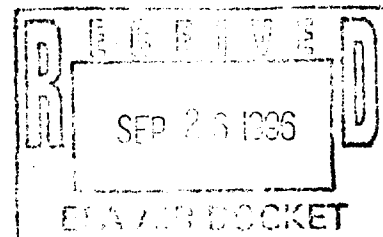


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EPA Correspondence to Outside Persons

<u>Item No.</u>	<u>Description</u>
II-C-1	L. L. Beck, EPA:ISB, B. Dailey, State of Wyoming, Department of Environmental Quality. May 16, 1988. Site visit to Chevron Chemical Company on May 3, 1988.
II-C-2	D. F. Painter, EPA:ISB, to K. T. Johnson, The Fertilizer Institute. July 20, 1993. Meeting summary of April 20, 1993.
II-C-3	D. F. Painter, EPA:ISB, to B. Erickson, Phosphate Engineering & Construction Company. October 29, 1993. Meeting summary of July 15, 1993-- Phosphoric Engineering & Construction Company (PECO) presentation of its patented system that produces HF from FSA produced in wet process phosphoric acid manufacturing.
II-C-4	D. F. Painter, EPA:Emission Standards Division, to J. Skillen, The Fertilizer Institute. November 27, 1995. Facsimile transmission of data used to establish MACT floors.
II-C-5	D. F. Painter, EPA:Emission Standards Division, to J. Glunn, Florida Department of Environmental Protection. July 14, 1995. Summary of May 23, 1995 teleconference of EPA and State agencies to discuss preliminary MACT levels.
II-C-6	D. F. Painter, EPA:Emission Standards Division, to W. A. Schimming, PCS Phosphate. January 23, 1996 1995. Summary of December 11, 1995 Meeting to Discuss MACT for Purified Phosphoric Acid Plant at Aurora, N.C.
II-C-7	D. F. Painter, EPA:Emission Standards Division, to K. Johnson, The Fertilizer Institute. July 10, 1995. Facsimile Transmission of Data Used to Establish MACT floors for GTSP Storage Buildings and Rock Calciners.



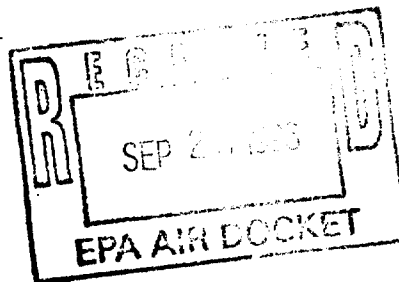
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<u>Item No.</u>	<u>Description</u>
II-C-8	D. F. Painter, EPA:Emission Standards Division, to K. Johnson, The Fertilizer Institute. May 23, 1996. Facsimile Transmission of Draft Regulatory Language.
II-C-9	D. F. Painter, EPA:Emission Standards Division, to K. Johnson, The Fertilizer Institute. May 24, 1996. Facsimile Transmission of Draft Regulatory Language.
II-C-10	D. F. Painter, EPA:Emission Standards Division, to M. Douglas, STAPPA/ALAPCO. March 2, 1995. Request for State Agency Participation in NESHAP Development.
II-C-11	D. F. Painter, EPA:Emission Standards Division, to J. Glunn, Florida Department of Environmental Protection. August 23, 1995. Summary of August 9, 1995 Teleconference of EPA and State Agencies to Discuss Preliminary MACT Floors.
II-C-12	D. F. Painter, EPA:Emission Standards Division, to J. Skillen, The Fertilizer Institute. January 19, 1996. Facsimile Transmission of Summary of December 4, 1995 Meeting of TFI and EPA to Discuss Establishment of MACT Floors. Includes Spreadsheets of Data.
II-C-13	D. F. Painter, EPA:Emission Standards Division, to J. Glunn, Florida Department of Environmental Protection and J. Skillen, The Fertilizer Institute. January 24, 1996. Summary of December 11, 1995 Meeting/Teleconference of EPA, State Agencies and TFI to Discuss Preliminary MACT Floors. Includes Spreadsheets of Data.
II-C-14	K. R. Durkee, EPA:Emission Standards Division, to K. Johnson, The Fertilizer Institute. September 17, 1993. Transmission of Data for Establishing MACT Floors.

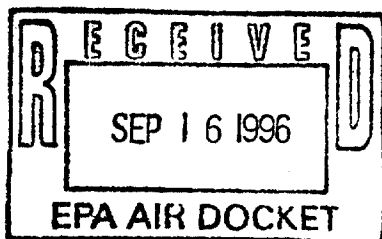
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<u>Item No.</u>	<u>Description</u>
II-C-15	D. F. Painter, EPA:Emission Standards Division, to K. T. Johnson, The Fertilizer Institute. October 28, 1993. Draft summary of July 21, 1993 Meeting of TFI and EPA to Discuss Development of MACT Standards.
II-C-16	D. F. Painter, EPA:Emission Standards Division, to K. T. Johnson, The Fertilizer Institute. November 7, 1994. Draft summary of October 5, 1994 Meeting of TFI and EPA to Discuss Development of MACT Standards.



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Correspondence Received from Persons Outside the Agency

<u>Item No.</u>	<u>Description</u>
II-D-1	J. C. Barber, Tennessee Valley Authority, to L. Beck, EPA:ISB. November 18, 1975. Information on the volatilization of fluoride from heated phosphates.
II-D-2	B. J. Dailey, State of Wyoming, Department of Environmental Quality, to L. Beck, EPA:ISB. August 3, 1988. Information pertaining to pollution control equipment specifications; permit analysis and permit; and summary of compliance test reports.
II-D-3	M. J. Martinasek, W. R. Grace & Co., to E. A. Grainger, EPA:ISB. August 12, 1988. Particulate emissions from rock processing.
II-D-4	Completed survey from T. T. Schmalz, Royster Company Phosphate Complex. September 1988.
II-D-5	Completed survey from M. P. Meyer, Gardinier, Inc. October 11, 1988.
II-D-6	C. M. Farris, U.S. Agri-Chemicals, to J. R. Farmer, EPA:ESD. October 12, 1988. Survey data for the second review of phosphate fertilizer plant new source performance standards.
II-D-7	J. M. Baretinic, Fertilizer, Inc., to J. R. Farmer, EPA:ESD. October 14, 1988. Completed survey regarding phosphate fertilizer plant new source performance standards.



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<u>Item No.</u>	<u>Description</u>
II-D-8	K. S. Cornelius, Chevron Chemical Company, to E. Grainger, EPA:ISB. November 7, 1988. Completed survey for the review of the new source performance standards for phosphate fertilizer and phosphate rock plants.
II-D-9	K. Johnson, The Fertilizer Institute, to EPA Docket No. A-90-49. July 22, 1991. Comments in response to the notice of availability and request for information on the "Preliminary Draft List of Categories and Subcategories Under Section 112 of the Clean Air Act."
II-D-10	R. L. Rhodes, Holland & Knight, to EPA Docket No. A-90-49. July 22, 1991. Comments (on behalf of the Fluoride Phosphate Council, Inc.) regarding the "Preliminary Draft List of Categories and Subcategories Under Section 112 of the Clean Air Act."
II-D-11	R. J. Stevens, FRS Partners, to J. Keith, Radian Corporation. June 28, 1993. Economic parameters of the PECO process.
II-D-12	W. A. Schimming, Texasgulf, to J. Keith, Radian Corporation. July 8, 1993. Texasgulf, Inc., CAA MACT regulations development.
II-D-13	W. R. Erickson, Phosphate Engineering & Construction Co., Inc., to D. Painter, EPA:ISB. August 30, 1993. Analytical data on nine existing cooling ponds in Central Florida.
II-D-14	B. Peacock, Texasgulf, Inc., to R. Pelt, Radian Corporation. September 21, 1993. Marketplace Accepts Purified Wet-Process Phosphoric Acid.

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Correspondence Received from Persons Outside the Agency

<u>Item No.</u>	<u>Description</u>
II-D-15	K. T. Johnson, The Fertilizer Institute, to D. F. Painter, EPA Industrial Studies Branch. September 29, 1993. Fluoride Speciation Information--Phosphoric Acid Production Facilities.
II-D-16	K. H. Miller, North Carolina Division of Environmental Management, to D. Painter, EPA Minerals and Inorganic Chemicals Group. June 28, 1995. Permits and test data for rock dryers and storage tanks at PCS Phosphates, Aurora, N.C.
II-D-17	W. A. Schimming, Texasgulf, Inc., to D. Painter, EPA, Minerals and Inorganic Chemicals Group. October 26, 1994. Emissions control information for purified acid plant.
II-D-18	V.A. Bohdan, Idaho Division of Environmental Quality, to D. Painter, EPA Minerals and Inorganic Chemicals Group. June 16, 1995. Raw performance test data for acid plant cooling towers at J. R. Simplot Company (Pocatello) and number 4 calciner at NU-West Industries (Conda).
II-D-19	W. A. Schimming, Texasgulf, Inc., to D. Painter, EPA, Minerals and Inorganic Chemicals Group. August 1, 1994. Enclosures Include Emissions Test Reports to North Carolina Division of Environmental Management for Calciner No.6 Plant Dated June 14, 1993; Calciner No.5 Plant Dated June 14, 1993; Calciner No.3 Plant Dated June 3, 1993; Calciner No.1 Plant under Cover Letter Dated November 21, 1990; Calciner No.1 Plant Dated August 19, 1991; Calciner No.1 Plant Dated July 8, 1992; Calciner No.1 Plant Dated May 14, 1993; Calciner No.1 Plant dated July 18, 1994; Calciner No.2 Plant Dated July 1, 1994; and Calciner No.4 Plant Dated July 1, 1994.
II-D-20	W. A. Schimming, Texasgulf, Inc., to D. Painter, EPA, Emissions Standards Division. August 3, 1994. Enclosed is a copy of Air Permit No. 2331R10 for calciners at Aurora, N.C.

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<u>Item No.</u>	<u>Description</u>
II-D-21	W. E. Schroeder, Florida Department of Environmental Protection, to D. Painter, EPA Minerals and Inorganic Chemicals Group. August 21, 1995. Emissions test data for rock dryers at U. S. Agrichemicals (Ft. Meade), IMC-Agrico (Nichols) and Cargill (Bartow).
II-D-22	W. E. Schroeder, Florida Department of Environmental Protection, to D. Painter, EPA Minerals and Inorganic Chemicals Group. September 5, 1995. Emissions test data for rock dryers at IMC-Agrico (New Wales).
II-D-23	W. E. Schroeder, Florida Department of Environmental Protection, to D. Painter, EPA Minerals and Inorganic Chemicals Group. August 8, 1995. Permit information for storage tanks at U. S. Agrichemicals (Ft. Meade).
II-D-24	A.D. Hurst, Cargill Fertilizer, Inc., to D. Painter, EPA, Minerals and Inorganic Chemicals Group. June 20, 1995. Emissions test reports from June 1989 and November/December 1994 for GTSP storage building at Riverview.
II-D-25	D. Jellerson, Cargill Fertilizer, Inc., to D. Painter, EPA, Minerals and Inorganic Chemicals Group. July 21, 1995. Comments on D. Painter's review of emissions test reports from June 1989 and November/December 1994 for GTSP storage building at Riverview.
II-D-26	W. A. Schimming, PCS Phosphate, to D. Painter, EPA, Emissions Standards Division. July 21, 1995. Solvent makeup for purified phosphoric acid plant at Aurora, N.C.
II-D-27	W. E. Schroeder, Florida Department of Environmental Protection, to D. Painter, EPA Minerals and Inorganic Chemicals Group. June 21, 1995. Permit information for CF Industries-Bartow, Farmland Hydro, IMC-Agrico-So. Pierce, U. S. Agrichemicals, IMC-Agrico-New Wales, CF Industries-Plant City, Cargill-Riverview, IMC-Agrico-Nichols, and Cargill-Bartow.

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<u>Item No.</u>	<u>Description</u>
II-D-28	B. Marting, Louisiana Department of Environmental Quality, to D. Painter, EPA Minerals and Inorganic Chemicals Group. June 7, 1995. Air toxic emissions inventories for Arcadian-Geismar and IMC-Agrico plants at Faustina, Taft and Uncle Sam.
II-D-29	W. E. Schroeder, Florida Department of Environmental Protection, to D. Painter, EPA Minerals and Inorganic Chemicals Group. June 8, 1995. Permit information for GTSP storage building, storage tanks, rock dryers and calciners at Cargill-Riverview, Farmland Hydro, CF Industries-Bartow, IMC-Agrico-Nichols, Seminole-Bartow, U. S. Agrichemicals, Consolidated Minerals-Plant City, and IMC-Agrico-New Wales.
II-D-30	J. Reynolds, Florida Department of Environmental Protection, to D. Painter, EPA Minerals and Inorganic Chemicals Group. June 12, 1995. Facsimile transmission of draft BACT determination for WPPA plant at Cargill, Riverview.
II-D-31	J. Reynolds, Florida Department of Environmental Protection, to D. Painter, EPA Minerals and Inorganic Chemicals Group. May 23, 1995. Facsimile transmission of March 1967 Chemical Engineering Progress article by A.J. Teller entitled "Control of Gaseous Fluoride Emissions."
II-D-32	L. Gribovicz, Wyoming Department of Environmental Quality, to D. Painter, EPA Minerals and Inorganic Chemicals Group. May 23, 1995. Technical data for SF Phosphates (Rock Springs) process cooling towers, storage tanks, and rock dryer.
II-D-33	K. T. Johnson, The Fertilizer Institute, to D. F. Painter, EPA Industrial Studies Branch. March 2, 1995. Additional comments on draft Technical Support Document.
II-D-34	K. T. Johnson, The Fertilizer Institute, to D. F. Painter, EPA Industrial Studies Branch. April 20, 1995. Additional comments on draft Technical Support Document.

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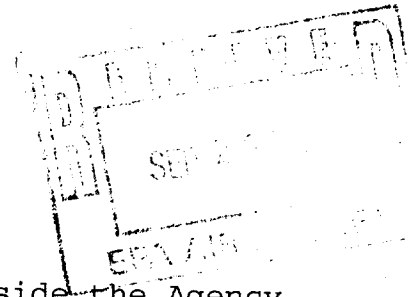
<u>Item No.</u>	<u>Description</u>
II-D-35	W. A. Schimming, PCS Phosphate, to D. Painter, EPA, Emissions Standards Division. April 17, 1995. Solvent Extraction Purified Phosphoric Acid Plant at Aurora, N.C.
II-D-36	W. A. Schimming, PCS Phosphate, to D. Painter, EPA, Emissions Standards Division. March 2, 1995. MACT for Solvent Extraction Purified Phosphoric Acid Plant at Aurora, N.C.
II-D-37	B. Peacock, PCS Phosphate, to D. Painter, EPA, Emissions Standards Division. March 8, 1995. North Carolina State Air Permit Purified Phosphoric Acid Plant at Aurora, N.C.
II-D-38	Mannasota-88, to to D. Painter, EPA, Emissions Standards Division. May 1995. Newsletter with article on transfer of toxics to environment (pp. 5-7).
II-D-39	G. Rains, Mannasota-88, to to D. Painter, EPA, Emissions Standards Division. June 12, 1995. Provided article on environmental impacts of phospho-gypsum stacks.
II-D-40	K. T. Johnson, The Fertilizer Institute, to D. F. Painter, EPA Industrial Studies Branch. February 21, 1995. Comments on draft Technical Support Document with four attachments.
II-D-41	V.A. Bohdan, Idaho Division of Environmental Quality, to D. Painter, EPA Minerals and Inorganic Chemicals Group. January 25, 1995. Permit limits for WPPA, DAP and Calciner No. 4 at J. R. Simplot Company (Pocatello) and Level II inspection at NU-West Industries (Conda).
II-D-42	A. Ray, Idaho Division of Environmental Quality, to D. Painter, EPA Minerals and Inorganic Chemicals Group. January 12, 1995. Comments on Draft Technical Support Document.

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<u>Item No.</u>	<u>Description</u>
II-D-43	C. Collins, Wyoming Department of Environmental Quality, to D. Painter, EPA Minerals and Inorganic Chemicals Group. December 20, 1994. Comments on Draft Technical Support Document.
II-D-44	W.C. Thomas, Florida Department of Environmental Protection, to D. Painter, EPA Minerals and Inorganic Chemicals Group. January 9, 1995. Comments on Draft Technical Support Document.
II-D-45	K. T. Johnson, The Fertilizer Institute, to D. F. Painter, EPA Industrial Studies Branch. December 12, 1994. Comments on Draft Summary of October 5, 1994 Meeting of TFI and EPA. Included is an attachment entitled "Fluoride Emission from Phosphate Fertilizer Production" by T. D. Abel with Five References Dated November 1994.
II-D-46	W. A. Schimming, PCS Phosphate, to D. Painter, EPA, Emissions Standards Division. November 21, 1994. MACT for Purified Phosphoric Acid Plant at Aurora, N.C.
II-D-47	K. T. Johnson, The Fertilizer Institute, to D. F. Painter, EPA Industrial Studies Branch. December 14, 1994. Transmittal of Materials Originally Missing from Docket No. A-94-02, Item II-D-45.
II-D-48	W. A. Schimming, PCS Phosphate, to D. Painter, EPA, Emissions Standards Division. February 12, 1996. MACT for Solvent Extraction Purified Phosphoric Acid Plant at Aurora, N.C.
II-D-49	J.M. Skillen, The Fertilizer Institute, to D. F. Painter, EPA Industrial Studies Branch. April 16, 1996. Comments on Draft Summary of December 11, 1995 Meeting of TFI, State Agencies, and EPA.
II-D-50	J. Skillen, The Fertilizer Institute, to D. F. Painter, EPA: Emission Standards Division. May 24, 1996. Facsimile Transmission of Draft Regulatory Language.

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Subcategory II-D

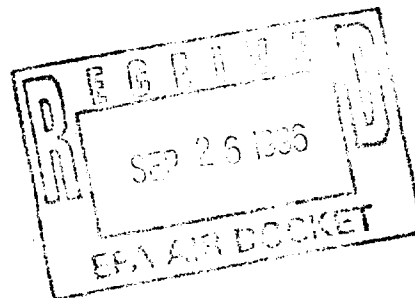
Correspondence Received from Persons Outside the Agency



<u>Item No.</u>	<u>Description</u>
II-D-51	J. Skillen, The Fertilizer Institute, to D. F. Painter, EPA:Emission Standards Division. May 31, 1996. Facsimile Transmission of Draft Regulatory Language on Parameter Monitoring.
II-D-52	A.A. Hujabre, Arcadian Fertilizer, L.P., to D. F. Painter, EPA:Emission Standards Division. July 2, 1996. Information on Emission Control Options for Submerged Combustion Superphoric Acid Production at the Geismar Plant.
II-D-53	Mannasota-88, to to D. Painter, EPA, Emissions Standards Division. September 1995. Newsletter with articles on transfer of toxics from phosphogypsum and fertilizers to environment.
II-D-54	W. E. Schroeder, Florida Department of Environmental Protection, to D. Painter, EPA Minerals and Inorganic Chemicals Group. December 11, 1995. Information for Storage Tanks, Rock Dryers and Calciners at Cargill-Riverview, Cargill-Bartow,, U. S. Agrichemicals, and IMC-Agrico-New Wales.
II-D-55	J.M. Skillen, The Fertilizer Institute, to D. F. Painter, EPA Industrial Studies Branch. December 11, 1995. Followup Comments on December 4, 1995 Meeting of TFI and EPA.
II-D-56	W. A. Schimming, PCS Phosphate, to D. Painter, EPA, Emissions Standards Division. December 27, 1995. MACT for Solvent Extraction Purified Phosphoric Acid Plant at Aurora, N.C.
II-D-57	R. Raney, Nashville Metropolitan Health Department, to D. Painter, EPA, Emissions Standards Division. April 15, 1993. Transmittal of Operating Permits for Rhone-Poulenc Thermal Acid Plant.
II-D-58	T. Parrish, Mississippi Department of Environmental Quality, to D. Painter, EPA, Emissions Standards Division. April 1993. Transmittal of Operating Permits for Mississippi Phosphates Facility in Pascagoula.

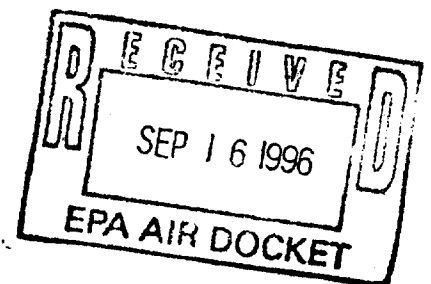
Phosphoric Acid
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Correspondence Received from Persons Outside the Agency

<u>Item No.</u>	<u>Description</u>
II-D-59	D. King, J. R. Simplot Company, to D. Painter, EPA Minerals and Inorganic Chemicals Group. November 5, 1993. Transmittal of Documents Containing Information on the Don Siding Complex.
II-D-60	A. Ray, Idaho Division of Environmental Quality, to D. Painter, EPA Minerals and Inorganic Chemicals Group. January 25, 1995. Emissions Inventory for J. R. Simplot Company (Pocatello) and Inspection Report on Number 4 Calciner at NU-West Industries (Conda).



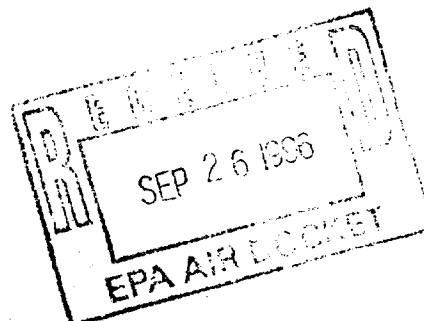
Phosphoric Acid
Docket No. A-94-02
Subcategory II-E
EPA Memoranda of Meetings with Outside Persons and of
Telephone Conversations with Outside Persons

<u>Item No.</u>	<u>Description</u>
II-E-1	G. B. Crane, EPA:ISB, to File. May 15, 1979. Review of phosphate fertilizer NSPS: conversation with Dr. Aaron Teller.
II-E-2	T. Zirkle, Radian Corporation, to R. Hill, Idaho Department of Environmental Quality. May 24, 1993. Telecon: Discussion about metals test data required in Section 3.2.1 of J. R. Simplot's 1989 operating permit.
II-E-3	T. Zirkle, Radian Corporation, to R. Hill, Idaho Department of Environmental Quality. May 25, 1993. Telecon: Discussion about metals testing.
II-E-4	T. Zirkle, Radian Corporation, to H. Kerns, Florida Department of Environmental Protection. June 21, 1993. Telecon: Discussion about the Florida facilities.
II-E-5	T. Zirkle, Radian Corporation, to R. Hill, Idaho Department of Environmental Quality. June 21, 1993. Telecon: Discussion about NuWest.
II-E-6	T. Zirkle, Radian Corporation, to G. Northington, Louisiana Department of Environmental Quality Southeast Regional Office. June 22, 1993. Telecon: Discussion about Agrico facilities.
II-E-7	T. Zirkle, Radian Corporation, to R. Johnson, Agrico-Taft. June 22, 1993. Telecon: Discussion about permit issued to Becker Industries in 1965.



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Telephone Conversations with Outside Persons

<u>Item No.</u>	<u>Description</u>
II-E-8	J. Keith, Radian Corporation, to S. Robbins, J. M. Huber Corporation. August 24, 1993. Telecon: Discussion about cost of bulk lime (not slaked).
II-E-9	T. Zirkle, Radian Corporation, to D. Turley, IMC-Agrico Company. August 30, 1993. Telecon: Discussion of August 19, 1993 about Multifos product.
II-E-10	P. Self, Radian Corporation, to J. Smith, Mississippi Phosphates Corporation. September 6, 1993. Telecon: Discussion about cooling tower information.
II-E-11	P. Self, Radian Corporation, to K. McGill, Tennessee Valley Authority. September 9, 1993. Telecon: Discussion about fluoride emissions and APP capacities.
II-E-12	T. Zirkle, Radian Corporation, to H. Kerns, Florida Department of Environmental Protection. October 25, 1993. Telecon: Discussion about GTSP storage NSPS.
II-E-13	K. Durkee, EPA:ESD to Project File. January 30, 1996. Summary of Work Group Teleconference for National Emissions Standards for Hazardous Air Pollutants (NESHAP)



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Subcategory II-F
Interagency Review Material

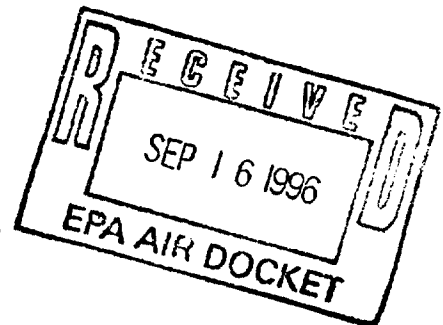
Item No.Description

II-F-1

Paperwork Reduction Act Submission from EPA to
Office of Management and Budget (Form OMB-83-I).
Dated October 1, 1996. Attached is Part A of the
Supporting Statement (16 pages).

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Docket No. A-94-02
Subcategory II-I
References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-1	Fluorine Chemical Redistribution in Relation to Gypsum Storage Pond Systems. J. R. Lehr, Tennessee Valley Authority. Undated.
II-I-2	Scrubbers in the Fertilizer Industry, Their Success, Near Future and Eventual Replacement. A. J. Teller. Fertilizer Round Table, Washington, DC. November 1973.
II-I-3	Control Technology for Secondary Aluminum Smelters. S. M. Gerstein and M. E. Franza, Teller Environmental Systems, Inc. For presentation at the 68th Annual Meeting of the Air Pollution Control Association. June 15-20, 1975.
II-I-4	New Technologies in Control of Fertilizer Plant Emissions. Pond Control--Fluoride Products. A. J. Teller. Presented at the Fertilizer Round Table. November 1975.
II-I-5	New Technologies in Fertilizer Emission Control. A. J. Teller. Presented at the Central Florida Section American Institute of Chemical Engineers, Daytona, Florida. May 14-16, 1976.
II-I-6	Chemical Behavior of Fluorine in Production of Wet-Process Phosphoric Acid. A. W. Frazier, J. R. Lehr, and E. F. Dillard. Environmental Science & Technology. October 1977.
II-I-7	Plant Closes Loop on its Wastewater Treatment. Environmental Science & Technology. Vol. 12, No. 3. March 1978.



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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-8	Phosphorus and Phosphates, J. H. McLellan, and Phosphate Fertilizers; Potassium Salts; NPK and Natural Organic Fertilizers, R. D. Young. Riegel's Handbook of Industrial Chemistry. Eighth Edition. 1983. pp. 236 thru 280.
II-I-9	CHRIS Hazardous Chemical Data. U. S. Department of Transportation. United States Coast Guard. 1984.
II-I-10	Perry's Chemical Engineers' Handbook. Sixth Edition. Mc-Graw Hill Book Company. 1984. pp. 9-10 and 9-12.
II-I-11	The Fertilizer Institute. Phosphate Fertilizer Production Cost Survey. Year Ended December 31, 1984. Ernst & Whinney, Washington, DC.
II-I-12	B. Nicholson, Midwest Research Institute, to J. Swiacki, JACA. March 4, 1987. Current cost estimations for various treatment programs.
II-I-13	Phosphates and Phosphoric Acid. Raw Materials, Technology, and Economics of the Wet Process. Fertilizer Science and Technology Series. 1989. pp. 400 thru 425, 500 thru 509, and 556 and 557.
II-I-14	Fact Sheet. Phosphate 1988. Spring 1989.
II-I-15	Encyclopedia of Chemical Processing and Design. J. J. McKetta, Ed. Petroleum Fractions Properties to Phosphoric Acid Plants, Alloy Selection. 1990.

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-16	K. T. Johnson, The Fertilizer Institute, to P. Soyka, ICF, Inc. June 20, 1990. Follow up to the March 28, 1990 meeting.
II-I-17	Mannsville Chemical Products Corp. Chemical Products Synopsis. Hydrofluoric Acid. December 1990.
II-I-18	Results of Stack Gas Sampling for Mears Fertilizer Company, Incorporated of El Dorado, Kansas. Tennessee Valley Authority. September 9-10, 1991.
II-I-19	Air Pollution Engineering Manual. Air & Waste Management Association. 1992. pp. 439 thru 446, and 574 thru 581.
II-I-20	Mannsville Chemical Products Corp. Chemical Products Synopsis. Phosphorus. April 1992.
II-I-21	Monthly Energy Review. Energy Information Administration. April 1992. pp.110.
II-I-22	Mannsville Chemical Products Corp. Chemical Products Synopsis. Phosphoric Acid (Thermal Process).. May 1992.
II-I-23	Mannsville Chemical Products Corp. Chemical Products Synopsis. Phosphoric Acid (Wet Process). May 1992.
II-I-24	Mannsville Chemical Products Corp. Chemical Products Synopsis. Lime. October 1992.

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-25	Mannsville Chemical Products Corp. Chemical Products Synopsis. Diammonium Phosphate. December 1992.
II-I-26	North American Fertilizer Capacity Data. Tennessee Valley Authority. February 1993.
II-I-27	Fluorine Control System. Phosphate Engineering & Construction Co., Inc. Presented to EPA Technical Advisory Committee. March 24, 1993.
II-I-28	Phosphoric acid plant eliminates dissolved sulfide problem. G. J. Nagl. Industrial Wastewater. April 1993.
II-I-29	Fluorine Control Systems. L. F. Bouffard and W. R. Erickson. Phosphate Engineering & Construction Co., Inc. Presented at American Institute of Chemical Engineers. May 29, 1993.
II-I-30	1988 Listing of Plants Operating 10-34-0 Pipe Reactor. July 12, 1993.
II-I-31	Attendees for the 1989 Pipe Reactor User's Meeting. July 13, 1993.

TEXASGULF, INC.
AURORA, NORTH CAROLINA

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-32	<p>Information concerning Texasgulf, Inc., Aurora, North Carolina. Includes the following:</p> <ul style="list-style-type: none">(a) Letter from R. P. Wilms, State of North Carolina Department of Natural Resources and Community Development, to M. T. Harris, Texasgulf Chemicals Company. January 23, 1987. Air permit no. 2576R7, Texasgulf Chemicals Company, Aurora, North Carolina, Beaufort County;(b) North Carolina Division of Environmental Management. Air Quality Action Request. Texasgulf, Inc., Aurora, North Carolina. March 5, 1987;(c) Source Performance Test--Ammoniated Phosphate Plant No. 2, Texasgulf Inc., Aurora, N.C. February 17, 1988;(d) Letter from W. A. Schimming, Texasgulf, Inc., to N. O. Gerald, N.C. Department of Natural Resources and Community Development. August 24, 1988. Phosphoric Acid plant;(e) Letter from A. F. Smoot, State of North Carolina Department of Natural Resources and Community Development, to W. A. Schimming, Texasgulf, Inc. September 14, 1988. Texasgulf, Inc.-- Air Permit Application--Fluoride Emissions from Filter Press Units, Aurora, North Carolina, Beaufort County;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-32 continued	(f) Letter from J. W. Powell, Texasgulf, Inc., to N. O. Gerald, N.C. Department of Natural Resources and Community Development. December 16, 1988. Ammonium phosphate plant No. 2;
	(g) Source Test Filter Press No. 2, Texasgulf, Inc., Phosphate Operations, Aurora, North Carolina. January 31, 1989;
	(h) Texasgulf Chemicals--Air Permit Survey--Phosphoric Acid Plants Nos. 1, 2, 3, and 4. February 1989;
	(i) Letter from J. W. Powell, Texasgulf, Inc., to S. Amerson, N.C. Department of Environment, Health, and Natural Resources. September 26, 1989. Air quality permit no. 2250R7, Texasgulf, Inc., Beaufort County;
	(j) Letter from J. W. Powell, Texasgulf, Inc., to V. Copelan, N.C. Department of Environment, Health, and Natural Resources. October 6, 1989. Total fluorides compliance test for the no. 2 diammonium phosphate plant;
	(k) Letter from J. Mulligan, State of North Carolina Department of Environment, Health, and Natural Resources, to W. Powell, Texasgulf, Inc. July 31, 1990. Air permit no. 4176R5, Texasgulf, Inc., Aurora, North Carolina, Beaufort County;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-32 continued	(l) North Carolina Division of Environmental Management. Air Quality Action Request. Texasgulf, Inc., Aurora, North Carolina. September 18, 1990;
	(m) North Carolina Division of Environmental Management. Air Quality Action Request. Texasgulf, Inc., Aurora, North Carolina. September 27, 1990;
	(n) Letter from J. W. Powell, Texasgulf, Inc., to V. Copelan, N.C. Department of Environment, Health, and Natural Resources. December 26, 1990. Total fluorides compliance test for the no. 2 ammonium phosphate plant;
	(o) North Carolina Division of Environmental Management. Air Quality Action Request. Texasgulf, Inc., Aurora, North Carolina. June 5, 1991;
	(p) North Carolina Division of Environmental Management. Air Quality Action Request. Texasgulf, Inc., Aurora, North Carolina. November 15, 1991. DAP No.2;
	(q) Texasgulf Inc., Phosphate Operations--GTSP #2 Fertilizer Plant Modifications. Application for Construction and Operation Permit Under North Carolina Air Pollution Control Laws. February 13, 1992;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-32 continued	(r) North Carolina Division of Environmental Management. Air Quality Action Request. Texasgulf, Inc., Aurora, North Carolina. June 17, 1992. Calciner No. 5;
	(s) North Carolina Division of Environmental Management. Air Quality Action Request. Texasgulf, Inc., Aurora, North Carolina. July 1, 1992. Calciner No. 4;
	(t) Source Performance Test--Diammonium Phosphate No. 2. Texasgulf, Inc., Aurora, NC. July 22, 1992;
	(u) Letter from A. P. Howard, State of North Carolina Department of Environment, Health, and Natural Resources, to W. A. Schimming, Texasgulf, Inc. August 19, 1992. Air permit No. 4175R8. GTSP No. 2;
	(v) North Carolina Division of Environmental Management. Air Quality Action Request. Texasgulf, Inc., Aurora, North Carolina. September 25, 1992. DAP No. 2;
	(w) Letter from A. P. Howard, State of North Carolina Department of Environment, Health, and Natural Resources, to W. A. Schimming, Texasgulf, Inc. January 13, 1993. Air permit no. 2250R12, Texasgulf, Inc., Aurora, North Carolina, Beaufort County;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-32 concluded	(x) North Carolina Division of Environmental Management. Air Quality Action Request. Texasgulf, Inc., Aurora, North Carolina. January 29, 1993. DAP Plant NO. 2;
	(y) North Carolina Division of Environmental Management. Air Quality Action Request. Texasgulf, Inc., Aurora, North Carolina. February 3, 1993. DAP Plant No. 1;
	(z) North Carolina Division of Environmental Management. Air Quality Action Request. Texasgulf, Inc., Aurora, North Carolina. February 5, 1993. APP Liquid Fertilizer Plant;
	(aa) Air Toxic Pollutant Compliance Report for the Texasgulf Aurora Facility. May 5, 1993; and
	(bb) Letter from T. J. Regan, Jr., Texasgulf, Inc., to V. Copelan, N.C. Department of Environment, Health, and Natural Resources. June 30, 1993. Texasgulf Inc., 1992 Air Emissions Inventory Toxic Air Pollutants.
	(cc) Letter from B.A. Peacock, Texasgulf, Inc., to L. Butler, N.C. Department of Environment, Health, and Natural Resources. May 5, 1993. Texasgulf Inc. Air Toxic Pollutant Compliance Report.

W. R. GRACE & CO., BARTOW WORKS
BARTOW, FLORIDA

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References Not Readily Available to the Public Elsewhere

Item No.Description

II-I-33

Information concerning W. R. Grace & Company, Bartow Works, Bartow, Florida. Includes the following:

- (a) # 1 Phosphoric Plant: Permit # 53-26907. Stack #22 permitted emissions fluorides. Undated;
- (b) State of Florida, Department of Environmental Regulation. J. R. Terry, W. R. Grace & Co. Application to Operate Existing Air Pollution Sources. September 10, 1976;
- (c) State of Florida, Department of Environmental Regulation. A. F. Vondrasek, W. R. Grace & Co. Application to Operate/Construct Air Pollution Sources. March 30, 1984;
- (d) Letter from M. K. Martinasek, W. R. Grace & Co., to W. C. Thomas, Florida Department of Environmental Regulation. April 29, 1985.
- (e) Letter from K. V. Ford, W. R. Grace & Co., to R. D. Garrity, State of Florida, Department of Environmental Regulation, Tampa, Florida. July 9, 1985. A053-101284 & 101286 GTSP acidulator vents;
- (f) Letter from M. J. Martinasek, W. R. Grace & Co., to W. C. Thomas, State of Florida, Department of Environmental Regulation, Tampa, Florida. August 27, 1985. A053-101284, 300-X GTSP acidulator vent;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-33 continued	(g) Letter from M. J. Martinasek, W. R. Grace & Co., to W. C. Thomas, State of Florida, Department of Environmental Regulation, Tampa, Florida. August 27, 1985. A053-101284, & 101286 GTSP acidulator vent;
	(h) Letter from M. J. Martinasek, W. R. Grace & Co., to R. D. Garrity, Department of Environmental Regulation, Tampa, Florida. December 13, 1985. 300-X and Y acidulator vents;
	(i) Letter from M. J. Martinasek, W. R. Grace & Co., to W. C. Thomas, State of Florida, Department of Environmental Regulation, Tampa, Florida. June 13, 1986. A053-109240-- Semiannual Test: Stack Test No. 18-- 300X Blungers;
	(j) State of Florida, Department of Environmental Regulation. Annual Operation Report Form for Air Emissions Sources. 1987;
	(k) Letter from M. J. Martinasek, W. R. Grace & Co., to C. S. Lee, State of Florida, Department of Environmental Regulation, Tampa, Florida. February 3, 1987. Semiannual Report for 1986: Permit A053-101284--300X GTSP Acidulator Vent; DER Point I.D. 41;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-33 continued	(l) Letter from M. J. Martinasek, W. R. Grace & Co., W. C. Thomas, State of Florida, Department of Environmental Regulation, Tampa, Florida. March 23, 1987. A053-128736 & 89815, Nos. 3 & 4 Phosphoric Acid Plants;
	(m) Letter from W. C. Thomas, State of Florida, Department of Environmental Regulation, to K. V. Ford, W. R. Grace & Co. April 23, 1987. Polk County--AP. A053-128736 & A053-89815;
	(n) Letter from M. J. Martinasek, W. R. Grace & Co., to C. S. Lee, State of Florida, Department of Environmental Regulation, Tampa, Florida. May 6, 1987. Permit A053-10924--Semiannual Test: Stack No. 18--300X Blungers;
	(o) Memorandum from J. Morris, to File. May 11, 1987. Annual Compliance Inspection of W. R. Grace;
	(p) Letter from M. J. Martinasek, W. R. Grace & Co., to C. S. Lee, State of Florida, Department of Environmental Regulation, Tampa, Florida. June 1, 1987. Permit A053-10924--Semiannual Test: 300X Blungers;

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References Not Readily Available to the Public Elsewhere

Item No.Description

- II-I-33 concluded
- (q) Letter from M. J. Martinasek, W. R. Grace & Co., to C. S. Lee, State of Florida, Department of Environmental Regulation, Tampa, Florida. December 8, 1987. Permit A053-10924--Semiannual Test: 300X Blungers;
 - (r) Letter from M. J. Martinasek, W. R. Grace & Co., to C. S. Lee, State of Florida, Department of Environmental Regulation, Tampa, Florida. December 9, 1987. 300Y GTSP Acidulator Vent Semiannual Stack Test Report;
 - (s) Letter from M. J. Martinasek, W. R. Grace & Co., to C. S. Lee, State of Florida, Department of Environmental Regulation, Tampa, Florida. March 29, 1988. Permit No. A053-109240, GTSP Blungers, 300X Plant;
 - (t) Letter from M. J. Martinasek, W. R. Grace & Co., to C. S. Lee, State of Florida, Department of Environmental Regulation, Tampa, Florida. May 10, 1988. Permit No. A053-101284, "X" Acidulator Vent; and
 - (u) Letter from M. J. Martinasek, W. R. Grace & Co., to C. S. Lee, State of Florida, Department of Environmental Regulation, Tampa, Florida. June 10, 1988. Permit No. A053-139168, No. 5 Phos. Acid Plant.

FARMLAND INDUSTRIES, INC.
BARTOW, FLORIDA

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-34	<p>Information concerning Farmland Industries, Inc., Bartow, Florida. Includes the following:</p> <ul style="list-style-type: none">(a) State of Florida, Department of Environmental Regulation. Permit/Certification: Farmland Industries Inc., Permit No. A053-187834, Polk County, Therminol Heater. Undated;(b) State of Florida, Department of Environmental Regulation. Application to Operate/Construct Air Pollution Sources. Farmland Industries, Inc. December 6, 1983;(c) Letter from R. D. Garrity, State of Florida, Department of Environmental Regulation, to D. M. Bordelon, Farmland Industries, Inc. February 28, 1984. Polk County--AP DAP Dryer Scrubber;(d) Letter from M. P. Baig, State of Florida, Department of Environmental Regulation, to R. W. Honse, Farmland Industries, Inc. November 1, 1988, Polk County--AP A053-151294. Notice of Permit;(e) Letter from G. W. Richardson, State of Florida, Department of Environmental Regulation, to R. W. Honse, Farmland Industries, Inc. January 19, 1989. Polk County--AP DAP Dryer. Notice of Permit;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-34 concluded	(f) Letter from G. W. Richardson, State of Florida, Department of Environmental Regulation, to R. W. Honse, Farmland Industries, Inc. January 19, 1989. Polk County--AP DAP Reactor/Granulator. Notice of Permit;
	(g) Letter from M. P. Baig, State of Florida, Department of Environmental Regulation, to R. W. Honse, Farmland Industries, Inc. March 1, 1989. Polk County--AP A053-157886. Notice of Permit;
	(h) Letter from D. R. Zell, State of Florida, Department of Environmental Regulation, to C. W. Jenkins, Farmland Industries, Inc. September 27, 1991. A053-201632, Polk County- Storage Building; and
	(i) Letter from G. W. Richardson, State of Florida, Department of Environmental Regulation, to C. M. Farris, Farmland Hydro, L.P. December 3, 1992. A053-217565, Polk County.

U.S. AGRI-CHEMICALS CORPORATION
FT. MEADE, FLORIDA

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-35	<p>Information concerning U.S. Agri-Chemicals Corporation, Ft. Meade, Florida. Includes the following:</p> <ul style="list-style-type: none">(a) State of Florida, Department of Environmental Regulation. Permit/Certification: U.S. Agri-Chemicals Corporation, Permit No. A053-212733, Polk County, Phosphoric Acid Plant A. Undated;(b) State of Florida, Department of Environmental Regulation. Application to Operate/Construct Air Pollution Sources. USS Agri-Chemicals. August 5, 1980;(c) Letter from G. W. Richardson, State of Florida, Department of Environmental Regulation, to C. M. Farris, U.S. Agri-Chemicals. August 31, 1988. Polk County--AP Phosphoric Acid Tank Farm w/Scrubber. Notice of Permit;(d) State of Florida, Department of Environmental Regulation. Air Pollution Sources--Certificate of Completion of Construction. U.S. Agri-Chemicals Corporation. Permit No. AC53-145424. April 20, 1990;(e) Letter from G. A. Maier, State of Florida, Department of Environmental Regulation, to J. W. Williams, U.S. Agri-Chemicals Corporation. September 21, 1990. A053-179587, Polk County. Notice of Permit;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-35 concluded	(f) State of Florida, Department of Environmental Regulation. Application for Renewal of Permit to Operate Air Pollution Source(s). U.S. Agri-Chemicals Corporation. A053-132076. April 30, 1992;
	(g) State of Florida, Department of Environmental Regulation. Application for Renewal of Permit to Operate Air Pollution Source(s). U.S. Agri-Chemicals Corporation. A053-132077. April 30, 1992;
	(h) Letter from S. Sheplak, State of Florida, Department of Environmental Regulation, to M. S. Scott, U.S. Agrichemicals Corporation. December 21, 1992. Polk County--AP Permit No. A053-221967. Notice of Permit Issuance; and
	(i) Letter from S. Sheplak, State of Florida, Department of Environmental Regulation, to M. S. Scott, U.S. Agrichemicals Corporation. February 23, 1993. Polk County--AP Permit No. A053-221968. Notice of Permit Issuance.

IMC FERTILIZER
AMERICUS, GEORGIA

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-36	<p>Information concerning IMC Fertilizer, Americus, Georgia. Includes the following:</p> <ul style="list-style-type: none">(a) Memorandum from L. Musgrove, Georgia Department of Natural Resources, to G. Drew, Georgia Department of Natural Resources. May 10, 1991. Inspection Report--IMC Fertilizer, Americus, Georgia;(b) Memorandum from L. Musgrove, Georgia Department of Natural Resources, to G. Drew, Georgia Department of Natural Resources. September 27, 1991. Inspection Report--IMC Fertilizer, Americus, Georgia;(c) Memorandum from B. Scott, Georgia Department of Natural Resources, to M. M. Lowry, Georgia Department of Natural Resources. January 15, 1991. Source Test Report Review;(d) Memorandum from L. Musgrove, Georgia Department of Natural Resources, to G. Drew, Georgia Department of Natural Resources. March 16, 1992. Inspection Report--IMC Fertilizer, Americus, Georgia;(e) Memorandum from L. Musgrove, Georgia Department of Natural Resources, to G. Drew, Georgia Department of Natural Resources. September 24, 1992. Inspection Report--IMC Fertilizer, Americus, Georgia; and

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-36 concluded	(f) Memorandum from L. Musgrove, Georgia Department of Natural Resources, to M. E. Fogle, Georgia Department of Natural Resources. December 14, 1992. Inspection Report--IMC Fertilizer, Americus, Georgia.

PELHAM PHOSPHATE FERTILIZER
PELHAM, GEORGIA

Phosphoric Acid
Docket No. A-94-02
Subcategory II-I
References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-37	<p>Information concerning Pelham Phosphate Fertilizer, Pelham, Georgia. Includes the following:</p> <ul style="list-style-type: none">(a) Memorandum from L. Musgrove, Georgia Department of Natural Resources, to B. Mitchell, Georgia Department of Natural Resources. June 24, 1991. Consent Order: Pelham Phosphate, Pelham, Georgia;(b) Memorandum from L. Musgrove, Georgia Department of Natural Resources, to G. Drew, Georgia Department of Natural Resources. March 16, 1992. Inspection Report: Pelham Phosphate, Pelham, Georgia; and(c) Letter from R. E. Chew, Attorney at Law, to L. Musgrove, Georgia Department of Natural Resources. March 17, 1992. Pelham Phosphate Company.

FARMERS FAVORITE FERTILIZER
MOULTRIE, GEORGIA

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-38	<p>Information concerning Farmers Favorite Fertilizer, Moultrie, Georgia. Includes the following:</p> <ul style="list-style-type: none">(a) Memorandum from L. Webber, Georgia Department of Natural Resources, to M. M. Lowry, Georgia Department of Natural Resources. March 12, 1991. Source Test Report Review;(b) Memorandum from L. Musgrove, Georgia Department of Natural Resources, to M. E. Fogle, Georgia Department of Natural Resources. January 2, 1992. Source Identity and Emission Point: Farmers Favorite Fertilizer--Moultrie Granular Fertilizer Plant;(c) Memorandum from R. K. Taylor, Georgia Department of Natural Resources, to M. M. Lowry, Georgia Department of Natural Resources. January 31, 1992. Source Test Report Review;(d) Letter from O. Carter, Farmers Favorite Fertilizer, to L. Musgrove, Georgia Department of Natural Resources. December 17, 1992. Source Test Reports;(e) Letter from R. H. Collom, Georgia Department of Natural Resources, to O. Carter, Farmers Favorite Fertilizer. January 14, 1993. Notice of Violation;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-38 concluded	(f) Memorandum from L. Musgrove, Georgia Department of Natural Resources, to M. E. Fogle, Georgia Department of Natural Resources. February 24, 1993. Source Identity and Emission Point: Farmers Favorite Fertilizer, Moultrie, Georgia; and
	(g) Letter from L. Musgrove, Georgia Department of Natural Resources, to O. Carter, Farmers Favorite Fertilizer. March 25, 1993. Performance tests.

AGRICO CHEMICAL COMPANY--FAUSTINA PLANT
DONALDSONVILLE, LOUISIANA

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Docket No. A-94-02
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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-39	<p>Information concerning Agrico Chemical Company, St. James, Louisiana. Includes the following:</p> <ul style="list-style-type: none">(a) Louisiana Single Point Source/Area Source Emission Inventory Questionnaire (EIQ) for Air Pollutants. Undated;(b) Application for Approval of Emissions. Diammonium Phosphate Plant "C" Granulation Train--Agrico Chemical Company. July 16, 1980;(c) Louisiana Environmental Control Commission. Emission Inventory Questionnaire--Agrico Chemical Company. July 16, 1980;(d) Letter from R. A. Woolsey, Agrico Chemical Company, to Gus Von Bodungen, Louisiana Department of Environmental Quality. October 30, 1989. Notice of Agrico's intent to reduce emissions;(e) Louisiana Emission Inventory Questionnaire (EIQ) for Air Pollutants. Agrico Chemical Company. October 17, 1990;(f) Application for Approval of Emissions. Diammonium Phosphate Plant "A" and "B" Granulation Trains. Agrico Chemical Company. October 17, 1990;(g) Letter from R. A. Woolsey, Agrico Chemical Company, to J. R. Newton. May 8, 1991. Agrico Chemical Company--Faustina Plant EIQ Submittal;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-39 concluded	(h) Letter from S. P. Stewart, Agrico Chemical Company, to G. Smith, Louisiana Department of Environmental Quality. October 7, 1991. Agrico Chemical Company--Faustina Plant Ammonia Reduction Project;
	(i) Letter from M. D. McDaniel, State of Louisiana, Department of Environmental Quality, to R. A. Wooley, Agrico Chemical Company. October 16, 1991. Permit modification and consolidation, Agrico Chemical Company, Faustina Ammonium Phosphate Fertilizer Plant, Donaldsonville, St. James Parish, Louisiana; and
	(j) Letter from S. P. Stewart, Agrico Chemical Company, to G. Smith, Louisiana Department of Environmental Quality. February 21, 1991. Ammonia Reduction Project-Faustina Plant.

AGRICO CHEMICAL COMPANY--UNCLE SAM PLANT
UNCLE SAM, LOUISIANA

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-40	Information concerning Agrico Chemical Company, Uncle Sam, Louisiana. Includes the following: <ul style="list-style-type: none">(a) Louisiana Emission Inventory Questionnaire (EIQ) for Air Pollutants. Agrico Chemical Company, Uncle Sam Plant; and(b) Letter from M. D. McDaniel, State of Louisiana Department of Environmental Quality, to H. Chance, Agrico Chemical Company. Permit, E Train Sulfuric Acid Plant, Agrico Chemical Company, Uncle Sam Facility.

MOBIL MINING AND MINERALS COMPANY (formerly Olin Corporation)
PASADENA, TEXAS

Phosphoric Acid
Docket No. A-94-02
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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-41	<p>Information concerning Mobil Mining and Minerals Company (formerly Olin Corporation), Pasadena, Texas. Includes the following:</p> <ul style="list-style-type: none">(a) Memorandum from J. E. Mabrey, Olin Chemicals, to H. T. Emerson, Olin Chemicals. January 25, 1979. Pasadena Plant Fluoride Emissions;(b) Texas Air Control Board--Request for Comments. Permit Section. April 2, 1979;(c) Texas Air Control Board--Operating Permit Issued to Olin Corporation. May 2, 1979;(d) Letter from W. R. Smithey, Mobil Chemical Company, to Texas Air Control Board. August 1, 1983. Permits;(e) Letter from L. D. Hinson, Mobil Mining and Minerals Company, to Texas Air Control Board. October 2, 1987. TACB Standard Exemption No. 106;(f) Letter from A. E. Bell, Texas Air Control Board, to J. Murray, Mobil Mining and Minerals Company. January 14, 1988. Permit Revision Permit Application No. R-4209A--Ammonium Phosphate Fertilizer Facility; and(g) Texas Air Control Board--Permit Application Section. August 23, 1990.

MULBERRY PHOSPHATES
MULBERRY, FLORIDA

Phosphoric Acid
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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-42	<p>Information concerning Mulberry Phosphates, Mulberry, Florida. Includes the following:</p> <ul style="list-style-type: none">(a) Letter from G. A. Maier, State of Florida, Department of Environmental Regulation. June 7, 1991. DER File No. A053-195227, Polk County;(b) Letter from J. H. Kerns, State of Florida, Department of Environmental Regulation, to G. D. Greer, Royster Company. December 20, 1991. DER File No. A053-202858, Polk County;(c) Letter from R. D. Garrity, State of Florida, Department of Environmental Regulation, to G. D. Greer, Mulberry Phosphates, Inc. April 1, 1992. Polk County--AP Transfer of Air Operating Permits A053-131684, A053-140387, A053-173754, A053-198769, and A053-202858; and(d) Letter from J. L. McDonald, State of Florida, Department of Environmental Regulation, to G. L. Dahms, Mulberry Phosphates, Inc. December 23, 1992. Notice of Permit Issuance. Polk County--AP A053-219080.

PINEY POINT PHOSPHATES
PALMETTO, FLORIDA

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-43	<p>Information concerning Piney Point Phosphates, Palmetto, Florida. Includes the following:</p> <ul style="list-style-type: none">(a) Letter from M. P. Baig, State of Florida, Department of Environmental Regulation, to G. L. Dahms, Royster Phosphates, Inc. October 12, 1989. Notice of Permit;(b) Letter from S. Neupauer, Piney Point Phosphates, Inc., to C. S. Lee, Florida Department of Environmental Regulation. April 16, 1992. Phosphoric Acid Plant--Emissions Test Permit Number A041-164317;(c) Letter from S. Neupauer, Piney Point Phosphates, Inc., to C. S. Lee, Florida Department of Environmental Regulation. April 28, 1992. DAP Fertilizer Plant A041-164882 Compliance Test; and(d) Letter from D. R. Zell, State of Florida, Department of Environmental Regulation, to S. Neupauer, Piney Point Phosphates, Inc. May 1, 1992. DER File No. A041-164882, Manatee County.

IMC FERTILIZER
NICHOLS, FLORIDA

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-44	<p>Information concerning IMC Fertilizer, Nichols, Florida. Includes the following:</p> <ul style="list-style-type: none">(a) Letter from G. W. Richardson, State of Florida, Department of Environmental Regulation, to J. C. Gabriel, Conserv, Inc. September 7, 1990. Notice of Permit Issuance. DER File No. A053-180228, Polk County;(b) Letter from G. W. Richardson, State of Florida, Department of Environmental Regulation, to J. C. Gabriel, Conserv, Inc. September 7, 1990. Notice of Permit Issuance. DER File No. A053-180229, Polk County;(c) Letter from G. W. Richardson, State of Florida, Department of Environmental Regulation, to J. C. Gabriel, Conserv, Inc. September 7, 1990. Notice of Permit Issuance. DER File No. A053-180230, Polk County;(d) . Compliance Test Data Summary and Certification. IMCF--Nichols Plant. April 5, 1993; and

OCCIDENTAL CHEMICAL COMPANY
WHITE SPRINGS, FLORIDA

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-45	<p>Information concerning Occidental Chemical Company, White Springs, Florida. Includes the following:</p> <ul style="list-style-type: none">(a) Letter from F. Watkins, State of Florida, Department of Environmental Regulation, to M. P. McArthur, Occidental Chemical Company. February 4, 1980. Hamilton County--AP Superphosphoric Acid Plants "A" and "B";(b) Letter from J. Ketteringham, State of Florida, Department of Environmental Regulation, to M. P. McArthur, Occidental Chemical Company. September 24, 1981. Hamilton County--Air Pollution;(c) Air Emissions Point Source Test Results. Z-Train (Mode 1). June 25, 1986;(d) Letter from E. E. Frey, State of Florida, Department of Environmental Regulation, to H. C. Smith, Occidental Chemical Company. September 8, 1989. Hamilton County--AP "A" Phosphoric Acid Plant at SR;(e) Letter from D. Twachtman, State of Florida, Department of Environmental Regulation, to H. C. Smith, Occidental Chemical Company. January 24, 1990. Permit AC 24-2699 Amendment, Acid Clarification Plant-North;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-45 continued	(f) Letter from E. E. Frey, State of Florida, Department of Environmental Regulation, to H. C. Smith, Occidental Chemical Company. March 22, 1990. Hamilton County--AP "A" and "B" SPA Plants at SR;
	(g) Application for Renewal of Permit to Operate Air Pollution Source(s). Occidental Chemical Corporation, Permit No. A024-109607. May 29, 1990;
	(h) Letter from C. B. Pults, Occidental Chemical Corporation, to A. G. Kutyna, State of Florida, Department of Environmental Regulation. June 28, 1990. Acid Clarification Plant ID No. 31 JAX 24000510, 12, 13;
	(i) Letter from E. E. Frey, State of Florida, Department of Environmental Regulation, to H. C. Smith, Occidental Chemical Company. August 14, 1990. Hamilton County--AP "D" Phosphoric Acid Plant at SC;
	(j) Letter from E. E. Frey, State of Florida, Department of Environmental Regulation, to H. C. Smith, Occidental Chemical Company. August 20, 1990. Hamilton--AP No. 2 DAP Plant at SR;
	(k) Letter from C. B. Pults, Occidental Chemical Corporation, to C. H. Fancy, State of Florida, Department of Environmental Regulation. November 1, 1990. Permit No. A024-170296, North Acid Clarification--SRCC;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-45 continued	(l) Letter from E. E. Frey, State of Florida, Department of Environmental Regulation, to H. C. Smith, Occidental Chemical Company. December 4, 1990. Hamilton County--AP "C" and "D" SPA Plants at Swift Creek;
	(m) Letter from E. E. Frey, State of Florida, Department of Environmental Regulation, to H. C. Smith, Occidental Chemical Company. January 4, 1991. Notice of Permit. Hamilton County--AP APC at Swift Creek;
	(n) Letter from C. B. Pults, Occidental Chemical Corporation, to C. H. Fancy, State of Florida, Department of Environmental Regulation. April 22, 1991. "B" Phosphoric Acid Plant at Suwannee River Chemical, Permit No. A024-181432/31JAX24000220;
	(o) Letter from C. B. Pults, Occidental Chemical Corporation, to J. Cole, State of Florida, Department of Environmental Regulation. May 30, 1991. "B" Phosphoric Acid Plant Permit Modification ID # 31JAX24000220;
	(p) Application to Operate/Construct Air Pollution Sources. Occidental Chemical Corporation. June 28, 1991;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-45 continued	(q) Letter from C. B. Pults, Occidental Chemical Corporation, to A. G. Kutyna, State of Florida, Department of Environmental Regulation. August 5, 1991. DAP No. 2 "Z" Train-A024-181672/31JAX24000232;
	(r) Air Pollution Sources Certificate of Completion of Construction. Occidental Chemical Corporation. October 14, 1991;
	(s) Letter from A. G. Kutyna, State of Florida, Department of Environmental Regulation, to C. Pults, Occidental Chemical Corporation. October 17, 1991. Hamilton County--AP "B" Phosphoric Acid, A024-181432/31JAX24000220;
	(t) Letter from E. E. Frey, State of Florida, Department of Environmental Regulation, to J. B. Munroe, Occidental Chemical Corporation. January 8, 1992. Notice of Permit Issuance. Hamilton County--AP "B" Phosphoric Acid Plant at SR;
	(u) Letter from A. G. Kutyna, State of Florida, Department of Environmental Regulation, to C. Pults, Occidental Chemical Corporation. January 15, 1992. Hamilton County--AP Y-Train (DAP), A024-170293/31JAX24000208;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-45 continued	(v) Letter from A. G. Kutyna, State of Florida, Department of Environmental Regulation, to C. Pults, Occidental Chemical Corporation. January 15, 1992. Hamilton County--AP Z-Train (DAP), A024-181672/31JAX24000232;
	(w) Air Pollution Sources Certificate of Completion of Construction. Occidental Chemical Corporation. February 10, 1992;
	(x) Letter from E. E. Frey, State of Florida, Department of Environmental Regulation, to J. B. Munroe, Occidental Chemical Corporation. March 10, 1992. Notice of Permit. Hamilton County--AP Green SPA Plant at SR;
	(y) Letter from E. E. Frey, State of Florida, Department of Environmental Regulation, to H. C. Smith, Occidental Chemical Company. April 22, 1992. Notice of Permit Issuance. Hamilton County--AP No. 1 (GTSP) Storage Building at SR;
	(z) Letter from E. E. Frey, State of Florida, Department of Environmental Regulation, to J. B. Munroe, Occidental Chemical Corporation. May 16, 1992. Notice of Permit Issuance. Hamilton County--AP N-ACF at SR;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-45 continued	(aa) Letter from A. G. Kutyna, State of Florida, Department of Environmental Regulation, to C. Pults, Occidental Chemical Corporation. June 26, 1992. Hamilton County--AP "C" Phosphoric Acid, A024-181431/31JAX24000219;
	(bb) Letter from A. G. Kutyna, State of Florida, Department of Environmental Regulation, to C. Pults, Occidental Chemical Corporation. July 2, 1992. Hamilton County--AP Z-Train (DAP) A024-181431/31JAX24000232;
	(cc) Letter from A. G. Kutyna, State of Florida, Department of Environmental Regulation, to C. Pults, Occidental Chemical Corporation. August 14, 1992. Hamilton County--AP "D" Phosphoric Acid A024-107485/31JAX24000506;
	(dd) Letter from A. G. Kutyna, State of Florida, Department of Environmental Regulation, to C. Pults, Occidental Chemical Corporation. October 9, 1992. Hamilton County--AP No. 1 DAP Y Train A024-170293/31JAX24000208;
	(ee) Letter from A. G. Kutyna, State of Florida, Department of Environmental Regulation, to C. Pults, Occidental Chemical Corporation. November 2, 1992. Hamilton County--AP South Acid Clarification A024-199357/31JAX24000234;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-45 concluded	(ff) Letter from A. G. Kutyna, State of Florida, Department of Environmental Regulation, to C. Pults, Occidental Chemical Corporation. December 14, 1992. Hamilton County--AP No. 1 Storage & Shipping A024-170308/31JAX24000210; and
	(gg) Letter from E. E. Frey, State of Florida, Department of Environmental Regulation, to J. B. Munroe, Occidental Chemical Corporation. January 19, 1993. Hamilton County--AP S-Phosphoric Acid Filters at SRC.

CENTRAL PHOSPHATES, INC.
PLANT CITY, FLORIDA

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-46	<p>Information concerning Central Phosphates, Inc., Plant City, Florida. Includes the following:</p> <ul style="list-style-type: none">(a) Central Phosphates, Inc., Subsidiary of CF Industries, Inc. "X" Train Granular TSP Production Facility, Plant City, Florida. Test Report. October 11, 1977;(b) State of Florida, Department of Environmental Regulation. Application to Operate/Renewal Air Pollution Sources. Central Phosphates, Inc. November 7, 1977;(c) Letter from G. B. Shearon, CF Industries, Inc., to G. J. Glahn, Environmental Protection Agency, Air Programs Branch. August 17, 1978. Central Phosphates, Inc., "Y" Train;(d) Letter from G. B. Shearon, CF Industries, Inc., to B. Beals, Environmental Protection Agency, Air Programs Branch. October 10, 1978. Central Phosphates, Inc., "Y" Train;(e) Permit A-029-6686. Central Phosphates, Inc., Subsidiary of CF Industries, Inc. "X" Granular Triple Superphosphate Production, Plant City, Florida. Test Report. March 27, 1979;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-46 continued	(f) Permit A-029-6686. Central Phosphates, Inc., Subsidiary of CF Industries, Inc. "X" Granular Triple Superphosphate Production, Plant City, Florida. Test Report. April 24, 1980;
	(g) State of Florida, Department of Environmental Regulation. Application to Operate/Construct Air Pollution Sources. Central Phosphates, Inc. February 6, 1981;
	(h) Memorandum from B. Garrett, State of Florida, Department of Environmental Regulation, to The Files. March 31, 1981. C.F. Industries - Application to Construct Modification to Existing A Phosphoric Acid Plant Scrubber System, Hillsborough County AP;
	(i) Memorandum from F. Shindle, County of Hillsborough, to D. Williams, County of Hillsborough. March 25, 1981. Permit applications;
	(j) Letter from M. S. Scott, CF Industries, Inc., to State of Florida. April 28, 1980. Local agent for Central Phosphates, Inc.;
	(k) State of Florida, Department of Environmental Regulation. Application for Renewal of Permit to Operate Air Pollution Source(s). Central Phosphates, Inc. May 24, 1982;

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<u>Item No.</u>	<u>Description</u>
II-I-46 continued	(l) Permit A029-65038. Central Phosphates, Inc., Subsidiary of CF Industries, Inc. "X" Granular Triple Superphosphate Production, Plant City, Florida. Test Report. September 22, 1983;
	(m) Hillsborough County Environmental Protection Commission. Inspection Report, Executive Summary. June 15, 1984;
	(n) Permit A029-65038. Central Phosphates, Inc., Subsidiary of CF Industries, Inc. "X" Granular Triple Superphosphate Production, Plant City, Florida. Test Report. December 28, 1984;
	(o) Permit A029-65038. Central Phosphates, Inc., Subsidiary of CF Industries, Inc. "X" Granular Triple Superphosphate Production, Plant City, Florida. Test Report. October 29, 1985;
	(p) Permit A029-65038. Central Phosphates, Inc., Subsidiary of CF Industries, Inc. "X" Granular Triple Superphosphate Production, Plant City, Florida. Test Report. April 29-30, 1986;
	(q) Permit A029-45347. Central Phosphates, Inc., Subsidiary of CF Industries, Inc. "A" Phosphoric Acid Production, Plant City, Florida. Test Report. June 11-12, 1986;

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<u>Item No.</u>	<u>Description</u>
II-I-46 continued	(r) Letter from J. E. Parsons, CF Industries, Inc., to C. Gonzalez, Hillsborough County Environmental Protection Agency. February 26, 1987. Compliance Test Run;
	(s) Letter from J. E. Parsons, CF Industries, Inc., to C. Gonzalez, Hillsborough County Environmental Protection Agency. June 15, 1987. Compliance Test - "A" Phosphoric Acid Plant;
	(t) Permit A029-167059. Central Phosphates, Inc., Subsidiary of CF Industries, Inc. "X" Diammonium Phosphate Production, Plant City, Florida. Test Report. October 24, 1989;
	(u) Letter from J. E. Parsons, CF Industries, Inc., to C. Gonzalez, Hillsborough County Environmental Protection Agency. October 25, 1989. Central Phosphates, Inc. "B" Shipping Facility Permit No. A029-137574;
	(v) Application Tracking System. December 15, 1989;
	(w) Permit A029-167059. Central Phosphates, Inc., Subsidiary of CF Industries, Inc. "X" DAP Production, Plant City, Florida. Test Report. June 20, 1990;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-46 continued	(x) Letter from J. E. Parsons, CF Industries, Inc., to C. Gonzalez, Hillsborough County Environmental Protection Agency. June 27, 1990. Compliance Test - "A" Phosphoric Acid Plant, Permit No. A029-123237;
	(y) Letter from J. E. Parsons, CF Industries, Inc., to C. Gonzalez, Hillsborough County Environmental Protection Agency. September 28, 1990. Compliance Test - "X" GTSP, Permit No. A029-167059;
	(z) State of Florida, Department of Environmental Regulation. Permit/Certification. CF Industries, Inc. November 14, 1990;
	(aa) Letter from J. E. Parsons, CF Industries, Inc., to B. Schroeder, Hillsborough County Environmental Protection Agency. February 28, 1991. Compliance Test - "X" GTSP, Permit No. A029-167059;
	(bb) Permit A029-167059. CF Industries, Inc., "X" Diammonium Phosphate Production, Plant City, Florida. Test Report. April 9, 1991;
	(cc) State of Florida, Department of Environmental Regulation. Application for Renewal of Permit to Operate Air Pollution Source(s). CF Industries, Inc. July 24, 1991;

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<u>Item No.</u>	<u>Description</u>
II-I-46 continued	(dd) Letter from J. H. Kerns, State of Florida, Department of Environmental Regulation, to J. E. Parsons, CF Industries, Inc. October 11, 1991. DER File No. A029-200763, Hillsborough County;
	(ee) State of Florida, Department of Environmental Regulation. Application to Operate/Construct Air Pollution Sources. CF Industries, Inc. March 20, 1992;
	(ff) Permit A029-167059. CF Industries, Inc., Plant City Phosphate Complex, "X" Diammonium Phosphate Production, Plant City, Florida. Test Report. April 15, 1992;
	(gg) Letter from C. C. Gonzalez, Hillsborough County Environmental Protection Agency, to J. E. Parsons, CF Industries, Inc. April 21, 1992. Hillsborough County - AP DER File No. AC29-210979 (X-Train Cooler Installation);
	(hh) Letter to C. Gonzalez, Hillsborough County Environmental Protection Agency. June 2, 1992. Hillsborough County - AP DER File No. AC29-210979 (X-Train Cooler Installation);
	(ii) Letter from J. E. Parsons, CF Industries, Inc., to C. Gonzalez, Hillsborough County Environmental Protection Agency. July 6, 1992. Hillsborough County - AP DER File No. AC29-210979 (X-Train Cooler Installation);

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<u>Item No.</u>	<u>Description</u>
II-I-46 continued	(jj) Best Available Control Technology (BACT) Determination. C.F. Industries, Inc., Hillsborough County. "X" - Train Granulation Plant. July 24, 1992;
	(kk) Memorandum from H. Kerns, State of Florida, Department of Environmental Regulation, to J. McDonald, State of Florida, Department of Environmental Regulation. October 20, 1992. Recommend permit AC29-210979 for CF Industries, Inc. be issued; and
	(ll) Letter from J. H. Kerns, State of Florida, Department of Environmental Regulation, to J. E. Parsons, CF Industries, Inc. October 23, 1992. Notice of Permit.

FS INDUSTRIES, INC. (Formerly Chevron Chemical)
ROCK SPRINGS, WYOMING

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-47	<p>Information concerning FS Industries, Inc. (formerly Chevron Chemical), Rock Spring, Wyoming. Includes the following:</p> <ul style="list-style-type: none">(a) State of Wyoming. Department of Environmental Quality/Division of Air Quality. PUBLIC NOTICE. Undated;(b) Application for Air Quality Permit to Construct for Chevron Chemical Company's Phosphate Project. Volume I. February 13, 1984;(c) Letter from J. N. Stambolis, Chevron Chemical Company, to R. Wood, Wyoming Department of Environmental Quality. May 30, 1984. Comments in response to specific items in the Division's permit analysis;(d) Application for Amendment of Chevron Chemical Company's Phosphate Project. Air Quality Permit to Construct. Volume I. December 13, 1985;(e) Letter from J. P. Creagh, Chevron Chemical Company, to C. A. Collins, Wyoming Department of Environmental Quality. December 18, 1985. Air Quality Permit/Acid Deposition Data;(f) Letter from J. P. Creagh, Chevron Chemical Company, to B. J. Dailey, Wyoming Department of Environmental Quality. January 23, 1986. Revised Air Permit Application Information Request;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-47 concluded	(g) Letter from B. J. Dailey, Wyoming Department of Environmental Quality, to J. Creagh, Chevron Chemical Company. February 5, 1986. Supplemental Information Chevron Letter Dated 01/23/86;
	(h) Letter from J. P. Creagh, Chevron Chemical Company, to B. J. Dailey, Wyoming Department of Environmental Quality. February 11, 1986. Revised Air Permit Application Information Request;
	(i) Letter from J. P. Creagh, Chevron Chemical Company, to B. J. Dailey, Wyoming Department of Environmental Quality. March 26, 1986. Facility Production Capacity;
	(j) Letter from C. A. Collins and R. Wood, Wyoming Department of Environmental Quality, to A. A. Fitzsimmons. May 5, 1986. Permit No. CT-550A; and
	(k) Wyoming Department of Environmental Quality, Air Quality Division. FY '92 Annual Inspection Report. FS Industries, Ltd. (formerly Chevron Chemical). June 22, 1992.

CARGILL FERTILIZER, INC.
RIVERVIEW, FLORIDA

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Subcategory II-I
References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-48	<p>Information concerning Cargill Fertilizer, Inc., Riverview, Florida. Includes the following:</p> <ul style="list-style-type: none">(a) Letter from R. Garrity, Florida Department of Environmental Regulation, to O. Morris, Cargill Fertilizer, Inc. DER File No. A029-220316, Hillsborough County. Undated;(b) Letter from R. Garrity, Florida Department of Environmental Regulation, to E. O. Morris, Cargill Fertilizer, Inc. DER File No. A029-190819, Hillsborough County. Undated;(c) State of Florida, Department of Environmental Regulation. Application to Operate/Construct Air Pollution Sources. Cargill Fertilizer, Inc., AC29-194504. March 15, 1991;(d) State of Florida, Department of Environmental Regulation. Application to Operate/Construct Air Pollution Sources. Cargill Fertilizer, Inc., AC29-194507. March 15, 1991;(e) State of Florida, Department of Environmental Regulation. Application to Operate/Construct Air Pollution Sources. Cargill Fertilizer, Inc., AC29-194508. March 15, 1991;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-48 continued	(f) Letter from E. O. Morris, Cargill Fertilizer, Inc., to C. Fancy, Florida Department of Environmental Regulation. May 1, 1991. Application for Air Construction Permit No. 5 Diammonium Phosphate Unit;
	(g) Letter from C. H. Fancy, Florida Department of Environmental Regulation, to O. Morris, Cargill Fertilizer, Inc. October 14, 1991. Technical Evaluation and Preliminary Determination;
	(h) Compliance Test Sampling Granular Triple Super Phosphate (GTSP). Permit No. A029-190819. October 17, 1991;
	(i) State of Florida, Department of Environmental Regulation. Notice of Permit. Cargill Fertilizer, Inc. DER File No. AC29-196763, PSD-FL-178, Hillsborough County. November 26, 1991;
	(j) Letter from D. B. Jellerson, Cargill Fertilizer, Inc. to D. Graziani, Hillsborough County Environmental Protection Agency. December 23, 1991. GTSP Plant - Permit A029-190819 Pollution Control System Modifications;
	(k) Letter from D. B. Jellerson, Cargill Fertilizer, Inc., to B. Kalra, Hillsborough County Environmental Protection Agency. March 4, 1992. GTSP Plant - Permit A029-190819 Pollution Control System Modifications;

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<u>Item No.</u>	<u>Description</u>
II-I-48 continued	(l) Letter from D. B. Jellerson, Cargill Fertilizer, Inc., to B. Kalra, Hillsborough County Environmental Protection Agency. March 16, 1992. GTSP Plant - Permit A029-190819 Pollution Control System Modifications;
	(m) Letter from W. C. Thomas, Florida Department of Environmental Regulation, to O. Morris, Cargill Fertilizer, Inc. April 2, 1992. Letter of Authorization GTSP Plant - Permit No. A029-190819;
	(n) Letter from C. H. Fancy, Florida Department of Environmental Regulation, to O. Morris, Cargill Fertilizer, Inc. August 11, 1992. Proposed Modification;
	(o) State of Florida, Department of Environmental Regulation. Air Pollution Sources Certificate of Completion of Construction. Cargill Fertilizer, Inc. September 14, 1992;
	(p) Letter from D. B. Jellerson, Cargill Fertilizer, Inc., to C. Fancy, Florida Department of Environmental Regulation. September 25, 1992. Construction Permit AC29-196763 No. 5 DAP Plant Expansion; and
	(q) State of Florida, Department of Environmental Regulation. Air Pollution Sources Certificate of Completion of Construction. Cargill Fertilizer, Inc. December 7, 1992.
	(r) Letter from D. B. Jellerson, Cargill Fertilizer, Inc., to Bill Thomas, Florida Department of Environmental Regulation. October 30, 1989. Permit A029-113185 WASTE Oil Firing in GTSP Burner;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-48 concluded	(s) Letter from R. Garrity, Florida Department of Environmental Regulation, to E. O. Morris, Gardinier, Inc. Reallocation of Fluoride Emissions Limits November 30, 1988;
	(t) Memorandum from D. Graziani to J. H. Kerns, both of Hillsborough County Environmental Protection Agency. December 23, 1991. GTSP Plant - Permit A029-190819 Pollution Control System Modifications;
	(u) Memorandum to Gardinier, Inc. File from David Zell, Florida Department of Environmental Regulation. February 19, 1991. GTSP/DAP Plant - Permit A029-190819;
	(v) Memorandum from Ben Kalra to David Zell, both of Florida Department of Environmental Regulation. February 11, 1991. GTSP/DAP Plant -Renewal of Permit A029-190819;
	(w) Gardinier, Inc., State of Florida Application for Renewal of Permit to Operate Air Pollution Sources. Cargill Fertilizer, Inc., AO-113185. December 29, 1990;
	(x) Letter from J. McDonald, Florida Department of Environmental Regulation, to O. Morris, Gardinier, Inc. Notice of Permit Issuance. DER File No. A029-113185, Hillsborough County, GTSP/DAP Plant. April 27, 1990;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-48Continued	(y) Memorandum from Victor San Agustin to Bill Thomas both of Florida Department of Environmental Regulation. Reallocation of Fluoride Emissions Limits for Gardinier, Inc. November 3, 1988;
	(z) Memorandum from H. R. Lue to J. Estler, Hillsborough County Environmental Protection Agency. July 29, 1987. GTSP/DAP Plant - Permit A0-29-113185, Amendment to Operating Permit;
	(aa) Letter from O. O. Morris, Gardinier, Inc., to J. Campbell, Hillsborough County Environmental Protection Agency. June 5, 1987. Permit A0-29-113185 GTSP Plant - Testing on Recycle Pond Water;
	(bb) Letter from W.K. Hennessey, Florida Department of Environmental Regulation, to R.J. Cabina, Gardinier, Inc. Undated. Permit No. A029-34585--Receipt of request for modification of permit conditions;
	(cc) Memorandum from H. R. Lue to J. Pendergast, Hillsborough County Environmental Protection Agency. January 24, 1986. GTSP/DAP Plant - Operating Permit;
	(dd) Letter from S.T. Boswell, Gardinier, Inc., to R.R. Garrett, Florida Department of Environmental Regulation. October 9, 1980. Permit No. AC29-7067-GTSP/DAP Modificaton;
	(ee) State of Florida, Department of Environmental Regulation. Application to Operate/Construct Air Pollution Sources. Gardinier, Inc., September 3, 1980;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-48Continued	(ff) Letter from G.E.Wilkinson, Gardinier, Inc., to B. Beals, Region IV, U.S. County Environmental Protection Agency. September 29, 1978. Proposal to Modify GTSP Plant to Manufacture DAP;
	(gg) State of Florida, Department of Environmental Regulation. Application to Operate/Construct Air Pollution Sources. Gardinier, Inc., August 2, 1978. GTSP/DAP Plant;
	(hh) Letter from D.A. Buff, KBN Engineering, to A.J. Wells, Hillsborough County Environmental Protection Agency. January 5, 1990. Permit A029-168524 GTSP Storage Buildings-NSPS Applicability;
	(ii) Letter from D.B.Jellerson, Gardinier, Inc., to G. Richardson, Florida Department of Environmental Regulation. January 16, 1990. Permit No. AC29-168524-GTSP Storage Building;
	(jj) Memorandum to File from David Zell, Florida Department of Environmental Regulation. December 19, 1989. Permit A029-168524-Two GTSP Storage Buildings at Gardinier, Inc.;
	(kk) Letter from E. O. Morris, Gardinier, Inc., to H. Kerns, Florida Department of Environmental Regulation. August 8, 1989. Permit Application for GTSP Storage Buildings;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-48Continued	(ll) Technical Evaluation and Preliminary Determination for Gardinier, Inc. Prepared by Hillsborough County Environmental Protection Agency. December 7, 1989. Permit Application No. A029-168524-GTSP Storage Buildings;
	(mm) Memorandum from A. J. Wells to M. Baig, both of Hillsborough County Environmental Protection Agency. December 13, 1989. Permit No. A029-168524-GTSP Storage Buildings;
	(nn) Compliance Test Sampling of the No. 4 Phosphoric Acid Mfg. System (Dorrco). Process Scrubber, Tank Farm Evacuation Scrubber. Phosphoric and H ₂ SiF ₆ Acid Product Evacuation Scrubber (No. 9 and No. 10 Evaporators). Permit No. AC29-21343. June 27, 28, 30, 1983;
	(oo) Hillsborough County Environmental Protection Commission Annual Operating Report - Manufacturing Process. 1984;
	(pp) Letter from J. W. Estler, Florida Department of Environmental Regulation, to R. J. Cabina, Gardinier, Inc. Notice of Permit. Hillsborough County - AP GTSP/DAP Plant with Scrubbers. February 28, 1986;
	(qq) Compliance Test Sampling of the Granular Triple Superphosphate Mfg. System. Process Scrubber (Permit No. A029-113185). March 3, 1987;
	(rr) Emissions Testing of the Gardinier, Inc. No. 5 Diammonium Phosphate Manufacturing System. Process Scrubber. July 22, 1988;

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II-I-48Continued

- (ss) State of Florida, Department of Environmental Regulation. Application to Operate/Construct Air Pollution Sources. Gardinier, Inc., Ammonium Phosphate Plant. August 26, 1988;
- (tt) Letter from D. B. Jellerson, Gardinier, Inc., to C. H. Fancy, Florida Department of Environmental Regulation. April 7, 1989. Modification of Construction Permit AC29-156206;
- (uu) Letter from D. Twachtman, Florida Department of Environmental Regulation, to H. Mathot, Gardinier, Inc. April 25, 1989. Application for Permit Modification - Clarifier/Storage Tank (AC 29-156206);
- (vv) Fluoride Emissions from GTSP Storage Buildings. Gardinier, Inc. June 9-14, 1989;
- (ww). State of Florida, Department of Environmental Regulation. Application to Operate Air Pollution Sources. Gardinier, Inc. August 7, 1989-No. 4 GTSP Storage Building;
- (xx) Emission Testing of the Gardinier, Inc. No. 4 Phosphoric Acid Manufacturing System. December 13-15, 1989;
- (yy) Letter from B. O. Morris, Gardinier, Inc., to E. J. Svec, Hillsborough County Environmental Protection Agency. January 29, 1990. Phosphoric Acid Plant Permit Renewal A029-67643, A029-152251, AC29-156206, and Consent Order No. 808011KLS008;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-48 continued	(zz) Letter from J. H. Kerns, Florida Department of Environmental Regulation, to E. O. Morris, Gardinier, Inc. January 31, 1990. Notice of Permit. Hillsborough County - AP Two (2) GTSP Storage Buildings;
	(aaa) Emission Testing of the Gardinier, Inc., South Ammonium Phosphate Manufacturing System. Process Cooler. February 23, 1990;
	(bbb) Letter from J. H. Kerns, Florida Department of Environmental Regulation, to E. O. Morris, Gardinier, Inc. August 31, 1990. Notice of Permit Issuance. DER File No. A029-146224, Hillsborough County;
	(ccc) Letter from E. O. Morris, Gardinier, Inc., to C. H. Fancy, Florida Department of Environmental Regulation. September 14, 1990. Construction Permit Application New Phosphoric Acid Filter;
	(ddd) Letter from D. B. Jellerson, Gardinier, Inc., to J. Reynolds, Florida Department of Environmental Regulation. October 4, 1990. Construction Permit Application - AC29-186726 New Phosphoric Acid Filter;
	(eee) Letter from D. B. Jellerson, Gardinier, Inc., to C. H. Fancy, Florida Department of Environmental Regulation. October 26, 1990. Construction Permit Application - AC29-186726 New Phosphoric Acid Filter;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-48 concluded	(fff) Emission Testing of the Gardinier, Inc., Granular Triple Superphosphate Manufacturing System. Process Scrubber and Ground Rock Handling Baghouse. November 16, 1990;
	(ggg) Letter from D. B. Jellerson, Gardinier, Inc., to C. Philips, Florida Department of Environmental Regulation. November 16, 1990. Construction Permit Application - AC29-186726 New Phosphoric Acid Filter;
	(hhh) Letter from D. A. Buff, KBN Engineering and Applied Sciences, Inc., to C. Phillips, Florida Department of Environmental Regulation. December 7, 1990. Phosphoric Acid Production Facility Construction Permit Application AC29-186726;
	(iii) Emissions Testing of the Gardinier, Inc. Phosphoric Acid Manufacturing System. December 20-21, 1990;
	(jjj) Letter from J. H. Kerns, Florida Department of Environmental Regulation, to E. O. Morris, Gardinier, Inc. February 22, 1991. Notice of Permit Issuance. DER File No. A029-190819, Hillsborough County;
	(kkk) Letter from R. D. Garrity, Florida Department of Environmental Regulation, to E. O. Morris, Gardinier, Inc. March 13, 1991. Hillsborough County - AP A029-190819 (GTSP/DAP Plant) Amendment.

INFORMATION FOR IMC-AGRICOLA CHEMICAL COMPANY
NEW WALES PLANT
MULBERRY, FLORIDA

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-49	<p>Information concerning IMC-Agrico Chemical Company (New Wales Plant), Mulberry, Florida. Includes the following:</p> <ul style="list-style-type: none">(a) Letter from J. M. Baretincic, IMC-Agrico Chemical Co., to W.C. Thomas, Department of Environmental Regulation, Florida. July 21, 1988. Air permit no. A053-134734, results of stack test for # 2 DAP East;(b) Letter from J. M. Baretincic, IMC-Agrico Chemical Co., to J. R. Farmer, EPA Emissions Standards Division. October 14, 1988. Response to survey requesting information on NSPS sources;(c) Letter from R. D. Garrity, State of Florida Department of Environmental Regulation, to J. A. Brafford, IMC Fertilizer, Inc. June 24, 1984. Air Permit A053-61053 for GTSP Storage Building Scrubber;(d) Letter from J. M. Baretincic, IMC-Fertilizer, Inc., to C. Fancy, Department of Environmental Regulation, Florida. August 23, 1984. GTSP Storage Scrubber Rule;(e) Memorandum from W. Thomas to C. Fancy both of Florida Department of Environmental Regulation. Florida Rule for Fluoride Emissions from GTSP Storage Buildings. October 1, 1984;(f) Letter from G. W. Richardson, State of Florida Department of Environmental Regulation, to J. A. Brafford, IMC Fertilizer, Inc. March 16, 1989. Air Permit A053-160174 for GTSP Storage Building;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-49 continued	(g) Letter from R. Iyer, State of Florida Department of Environmental Regulation, to J. A. Brafford, IMC Fertilizer, Inc. March 16, 1989. Air Permit A053-156334 for Multifos soda ash conveying system;
	(h) State of Florida Department of Environmental Regulation, Application to Operate/Construct Air Pollution Sources. New Wales Chemicals, Inc. Polk County, Florida. Air Permit no. A053-5976. November 14, 1990. New Scrubber on DAP Plant;
	(i) State of Florida Department of Environmental Regulation, Application to Operate/Construct Air Pollution Sources. IMC Feed Ingredients, Inc. Polk County, Florida. Air Permit no. A053-79843. October 19, 1988. Operation of Baghouse on Multifos Classification System;
	(j) State of Florida Department of Environmental Regulation, Application to Operate/Construct Air Pollution Sources. IMC Feed Ingredients, Inc. Polk County, Florida. Air Permit no. A053-79849. October 19, 1988. Operation of Baghouse on Soda Ash Conveying System;
	(k) State of Florida Department of Environmental Regulation, Application to Operate/Construct Air Pollution Sources. IMC Feed Ingredients, Inc. Polk County, Florida. Air Permit no. A053-79846. October 19, 1988. Operation of Baghouse on Multifos B Kiln Cooler;
	(l) State of Florida Department of Environmental Regulation, Application to Operate/Construct Air Pollution Sources. IMC Feed Ingredients, Inc. Polk County, Florida. Air Permit no. A053-79848. October 19, 1988. Operation of Baghouse on Multifos A Kiln Cooler;

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<u>Item No.</u>	<u>Description</u>
II-I-49 continued	(m) State of Florida Department of Environmental Regulation, Application to Operate/Construct Air Pollution Sources. IMC Fertilizer, Inc. Polk County, Florida. Air Permit no. A053-61053. January 31, 1989. Operation of GTSP Storage Building with CFPB Scrubber;
	(n) Letter from R. Iyer, State of Florida Department of Environmental Regulation, to J. A. Brafford, IMC Fertilizer, Inc. March 16, 1989. Air Permit A053-156335 for Multifos B Kiln Cooler;
	(o) Letter from R. Iyer, State of Florida Department of Environmental Regulation, to J. A. Brafford, IMC Fertilizer, Inc. March 16, 1989. Air Permit A053-156336 for Multifos A Kiln Cooler;
	(p) Letter from R. Iyer, State of Florida Department of Environmental Regulation, to J. A. Brafford, IMC Fertilizer, Inc. March 16, 1989. Air Permit A053-156338 for Multifos Product Classification System;
	(q) State of Florida Department of Environmental Regulation, Application to Operate/Construct Air Pollution Sources. IMC Fertilizer, Inc. Polk County, Florida. Air Permit no. A053-61053. January 31, 1989. Operation of GTSP Storage Building with CFPB Scrubber;
	(r) State of Florida Department of Environmental Regulation, Application to Operate/Construct Air Pollution Sources. IMC Fertilizer, Inc. Polk County, Florida. New Air Permit. March 5, 1990. Construction of New DAP Product Cooler;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-49 continued	(s) Letter from M. Baig, State of Florida Department of Environmental Regulation, to J. A. Brafford, IMC Fertilizer, Inc. December 1, 1989. Air Permit A053-167798 for West Phosphoric Acid Plant;
	(t) Letter from M. Baig, State of Florida Department of Environmental Regulation, to J. A. Brafford, IMC Fertilizer, Inc. December 1, 1989. Air Permit A053-167797 for East Phosphoric Acid Plant;
	(u) Letter from R.D. Garrity, State of Florida Department of Environmental Regulation, to J. A. Brafford, IMC Fertilizer, Inc. April 30, 1990. Amended Air Permit A053-167797 for East Phosphoric Acid Plant;
	(v) Letter from G.W. Richardson, State of Florida Department of Environmental Regulation, to J. A. Brafford, IMC Fertilizer, Inc. September 21, 1990. Air Permit A053-185648 for No. 1 DAP Plant;
	(w) Letter from G.A. Maier, State of Florida Department of Environmental Regulation, to J. A. Brafford, IMC Fertilizer, Inc. October 31, 1990. Air Permit A053-183082 for No. 2 DAP Product Cooler;
	(x) State of Florida Department of Environmental Regulation, Application to Operate/Construct Air Pollution Sources. IMC Fertilizer, Inc. Polk County, Florida. Air Permit no. A053-192132. January 29, 1991. Operation of No. 3 Phosphoric Acid Plant;
	(y) Letter from G.A. Maier, State of Florida Department of Environmental Regulation, to C.D. Turley, IMC Fertilizer, Inc. June 24, 1991. Amended Air Permit A053-192132 for No. 3 Phosphoric Acid Plant;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-49 continued	(z) Letter from G.A. Maier, State of Florida Department of Environmental Regulation, to J.A. Brafford, IMC Fertilizer, Inc. April 25, 1991. Air Permit A053-192132 for No. 3 Phosphoric Acid Plant;
	(aa) State of Florida Department of Environmental Regulation, Application to Operate/Construct Air Pollution Sources. IMC Fertilizer, Inc. Polk County, Florida. Air Permit no. A053-199497. July 9, 1991. Operation of Clarification and Storage Scrubber;
	(bb) Letter from J.L. McDonald, State of Florida Department of Environmental Regulation, to J. A. Brafford, IMC Fertilizer, Inc. July 18, 1991. Air Permit A053-193163 for No. 2 DAP Product Cooler;
	(cc) State of Florida Department of Environmental Regulation, Application to Operate/Construct Air Pollution Sources. IMC Fertilizer, Inc. Polk County, Florida. Air Permit no. A053-200494. July 30, 1991. Operation of MAP Plant Prill Tower with Scrubber;
	(dd) Letter from D.R. Zell, State of Florida Department of Environmental Regulation, to J.A. Brafford, IMC Fertilizer, Inc. August 5, 1991. Air Permit no. A053-199497. July 9, 1991. Operation of Clarification and Storage Scrubber Area;
	(ee) State of Florida, Department of Environmental Regulation. Permit Certification. IMC Fertilizer, Inc. Permit No. A053-1200494. Polk County. August 30, 1990. Operation of MAP Plant Prill Tower with Scrubber;

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References Not Readily Available to the Public Elsewhere

Item No.Description

- II-I-49 continued
- (ff) State of Florida Department of Environmental Regulation, Application to Operate/Construct Air Pollution Sources. IMC Fertilizer, Inc. Polk County, Florida. Air Permit no. A053-206082. December 11, 1991. Operation of GTSP Production Scrubbers;
 - (gg) State of Florida Department of Environmental Regulation, Application to Operate/Construct Air Pollution Sources. IMC Fertilizer, Inc. Polk County, Florida. Air Permit no. A053-206083. December 11, 1991. Operation of Multifos Production Scrubbers;
 - (hh) Letter from R.D. Garrity, State of Florida Department of Environmental Regulation, to J.M. Baretincic, IMC Fertilizer, Inc. February 14, 1992. Amended Air Permit A053-183082 for No. 2 West DAP Product Cooler;
 - (ii) State of Florida Department of Environmental Regulation, Application to Operate/Construct Air Pollution Sources. IMC Fertilizer, Inc. Polk County, Florida. Air Permit no. AC53-211264. March 27, 1992. Operation of GTSP Production Scrubbers;
 - (jj) State of Florida Department of Environmental Regulation, Application to Operate/Construct Air Pollution Sources. IMC Fertilizer, Inc. Polk County, Florida. Air Permit no. A053-215386. June 22, 1992. Operation of DAP II Plant East Train;
 - (kk) State of Florida Department of Environmental Regulation, Application to Operate/Construct Air Pollution Sources. IMC Fertilizer, Inc. Polk County, Florida. Air Permit no. A053-215387. June 22, 1992. Operation of DAP II Plant West Train;

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<u>Item No.</u>	<u>Description</u>
II-I-49 continued	(ll) State of Florida, Department of Environmental Regulation. Permit Certification. IMC Fertilizer, Inc. Permit No. A053-206083. Polk County. June 20, 1992. Operation of Multifos Production System;
	(mm) Letter from R.D. Garrity, State of Florida Department of Environmental Regulation, to J.A. Brafford, IMC Fertilizer, Inc. July 17,, 1992. Amended Air Permit A053-206083. Polk County. June 20, 1992. Operation of Multifos Production System;
	(nn) Letter from D.R. Zell, State of Florida Department of Environmental Regulation, to J.A. Brafford, IMC Fertilizer, Inc. July 27, 1992. Air Permit no. A053-215386. Operation of DAP II Plant East Train;
	(oo) Letter from D.R. Zell, State of Florida Department of Environmental Regulation, to J.A. Brafford, IMC Fertilizer, Inc. July 27, 1992. Air Permit no. A053-215387. Operation of DAP II Plant West Train;
	(pp) Letter from G.A.Maier, State of Florida Department of Environmental Regulation, to J.A. Brafford, IMC Fertilizer, Inc. August 26, 1992. Air Permits No. A053-206082 and A053-211264. Operation of GTSP Plant;
	(qq) Letter from R.D. Garrity, State of Florida Department of Environmental Regulation, to J.A. Brafford, IMC Fertilizer, Inc. September 11, 1992 Amended Air Permit A053-206083. Polk County. June 20, 1992. Operation of Multifos Production System;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-49 concluded	(rr) Letter from J.B. Koogler, Koogler & Associates, to H. Kerns, Department of Environmental Regulation, Florida. November 23, 1992. Request for Amendment of Air permit for # 2 DAP Plant;
	(ss) State of Florida, Department of Environmental Regulation. Permit Certification. IMC Fertilizer, Inc. . Amendment to Air Permit No. A053-183082. Polk County. January 27, 1993. DAP II Plant West Product Cooler;
	(tt) State of Florida, Department of Environmental Regulation. Permit Certification. IMC Fertilizer, Inc. . Amendment to Air Permit No. A053-193163. Polk County. January 27, 1993. DAP II Plant, East Product Cooler;
	(uu) State of Florida, Department of Environmental Regulation. Permit Certification. IMC Fertilizer, Inc. . Amendment to Air Permit No. A053-215386. Polk County. January 27, 1993. DAP II Plant, East Train;
	(vv) State of Florida, Department of Environmental Regulation. Permit Certification. IMC Fertilizer, Inc. . Amendment to Air Permit No. A053-215387. Polk County. January 27, 1993. DAP II Plant, West Train; and
	(ww) Letter from R.D. Garrity, State of Florida Department of Environmental Regulation, to J.A. Brafford, IMC Fertilizer, Inc. May 1, 1990. Amended Air Permit A053-167798. Polk County. West Phosphoric Acid Plant.

INFORMATION FOR AGRICO CHEMICAL COMPANY
SOUTH PIERCE PLANT
MULBERRY, FLORIDA

Phosphoric Acid
Docket No. A-94-02
Subcategory II-I
References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-50	<p>Information concerning Agrico Chemical Company (So. Pierce Plant), Mulberry, Florida. Includes the following:</p> <ul style="list-style-type: none">(a) Letter from E. Mayer, Agrico Chemical Company, to D. Puchaty, District Manager State of Florida. March 14, 1979. Stack sample result form for recent test on A053-6816;(b) State of Florida Department of Environmental Regulation, Application to Operate/Construct Air Pollution Sources. Agrico Chemical Co., Polk County, Florida. Air Permit no. A053-54900. April 13, 1982;(c) State of Florida Department of Environmental Regulation, Application to Operate/Construct Air Pollution Sources. Agrico Chemical Co., Polk County, Florida. Air Permit no. A053-54899. April 13, 1982;(d) Letter from T. Fuchs, Agrico Chemical Co., to R. Garrett, Department of Environmental Regulation, Florida. November 19, 1982. Air permit no. A053-6816, results of stack test;(e) State of Florida Department of Environmental Regulation, Application to Operate/Construct Air Pollution Sources. Agrico Chemical Co., Polk County, Florida. Air Permit no. A053-71153. June 14, 1983;

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Subcategory II-I
References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-50 continued	(f) Letter from E. E. Mayer, Agrico Chemical Co., to W. C. Thomas, Florida Department of Environmental Regulation. June 27, 1984. Acknowledgement of receipt of previous letter dated June 18, 1984 with recommended changes;
	(g) Letter from J. M. Stewart, Agrico Chemical Co., to C. S. Lee, Department of Environmental Regulation. November 6, 1986. Test report for GTSP Plant (A053-71153) and emissions report for Rock Bin Baghouse (A053-69714);
	(h) State of Florida, Department of Environmental Regulation. Annual Operation Report form for Air Emissions Sources. February 10, 1987. Air Permit no. A053-89007;
	(i) Letter from R. D. Garrity, Florida Department of Environmental Regulation, to S. Presnell, Agrico Chemical Co. January 3, 1989. Acceptance of changes pertaining to Air Permit no. A053-151947;
	(j) Letter from R. D. Garrity, State of Florida Department of Environmental Regulation, to S. Presnell, Agrico Chemical Co. January 3, 1989. Air Permit A053-151947;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-50 continued	(k) Letter from J. M. Stewart, Agrico Chemical Co., to C. S. Lee, Department of Environmental Regulation. February 10, 1989. Emissions test report showing compliance with Air Permit no. A053-89007 for the Purified MAP/DAP Plant;
	(l) Letter from G. W. Richardson, Florida Department of Environmental Regulation to S. Presnell, Agrico Chemical Co. December 8, 1989. Air Permit no. A053-166758;
	(m) State of Florida, Department of Environmental Regulation. Application for Renewal of Permit to Operate Air Pollution Sources. March 16, 1992. Renewal of Air Permit no. A053-132658;
	(n) Letter from K. Norgard, Agrico Chemical Co., to C. S. Lee, Department of Environmental Regulation. March 25, 1992. Completed test reports for Tailgas Scrubber Stack in compliance with Air Permit no. A053-151947 and emissions forms for GTSP Rock Bin Baghouse (A053-151942);
	(o) State of Florida, Department of Environmental Regulation. Application for Renewal of Permit to Operate Air Pollution Source(s). April 21, 1992. Renewal Request for Air Permit no. A053-212236;

Phosphoric Acid
Docket No. A-94-02
Subcategory II-I
References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-50 continued	(p) Letter from K. Thompson, Agrico Chemical Co., to C. S. Lee, Department of Environmental Regulation. May 27, 1992. Emission test report for North (A053-151943) and South (A053-151945) Scrubber Stacks of East GTSP Storage Building;
	(q) Letter from R. Garrity, Florida Department of Environmental Regulation, to S. L. Presnell, Agrico Chemical Co. June 29, 1992. Letter concerning error in operating permit no. A053-212236 issued on June 12, 1992 for the Phosphoric Acid Plant "A" Train;
	(r) Letter from K. Thompson, Agrico Chemical Co., to C. S. Lee, Department of Environmental Regulation. October 14, 1992. Emission test report showing compliance with Air Permit no. A053-151947 for Tailgas Scrubber Stack and emissions forms for GTSP Rock Bin Baghouse (A053-151942);
	(s) Letter from R. D. Garrity, Florida Department of Environmental Regulation, to S. L. Presnell, Agrico Chemical Co. October 15, 1992. Amended Air Permit no. A053-212236;
	(t) Letter from R. D. Garrity, Florida Department of Environmental Regulation, to S. L. Presnell. October 15, 1992. Amended Air Permit no. A053-212237;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-50 concluded	(u) Letter from K. Thompson, Agrico Chemical Co., to C. S. Lee, Department of Environmental Regulation. November 4, 1992. Emission test report showing compliance with Air Permit no. A053-132658 for "B" Train Phosphoric Acid Plant; and (v) Letter from K. Thompson, Agrico Chemical Co., to C. S. Lee, Department of Environmental Regulation. November 20, 1992. Emission test report showing compliance with Air Permit no. A053-212236 for "A" Train Phosphoric Acid Scrubber Stack.

INFORMATION FOR NU-WEST INDUSTRIES, INC.
CONDA, IDAHO

Phosphoric Acid
Docket No. A-94-02
Subcategory II-I
References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-51	<p>Information concerning Nu-West Industries, Inc., Conda, Idaho. Includes the following:</p> <ul style="list-style-type: none">(a) 1992 Stack Tests. May 20, 1993;(b) Letter from O. D. Green, Division of Environmental Quality, to D. C. Neuman, Nu-West Industries, Inc. August 7, 1993. Air Permit to Construct (029-0003);(c) Memorandum from R. Elkins, Air Quality Compliance Officer to R. Wilkosz, Chief Technical Services Bureau. May 19, 1992. Nu-West's response to a non-compliance letter;(d) Letter from R. W. Elkins, Division of Environmental Quality, to M. Johnson, Nu-West Industries, Inc. May 4, 1992. Air Quality Compliance Inspection;(e) Annual Compliance Inspection Narrative-- Nu-West Industries, Inc. April 27 & 28, 1992;(f) Memorandum from R. Elkins, Division of Environmental Quality, to D. Pisarski, Division of Environmental Quality. September 26, 1991. Nu-West Airs #029-00003 Compliance Inspection;(g) Memorandum from R. Elkins, Division of Environmental Quality to D. Pisarski, Division of Environmental Quality. October 1, 1990. Nu-West Annual Compliance Inspection

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Docket No. A-94-02
Subcategory II-I
References Not Readily Available to the Public Elsewhere

Item No.Description

II-I-51Continued

- (h) 1990 Stack Emissions Testing for Facility North of Soda Springs Idaho--Phos Acid Plant;
- (i) 1990 Stack Emissions Testing for Facility North of Soda Springs Idaho--DAP Plant. November 8, 1990;
- (j) 1990 Stack Emissions Testing for Facility North of Soda Springs Idaho--#4 Calciner for the Conda Partnership. October 24, 1990;
- (k) Letter from J. C. Meredith, Division of Environmental Quality, to D. Larue, Nu-West Industries, Inc. December 5, 1989. Annual Compliance Inspection for Nu-West Facility at Conda;
- (l) Memorandum from C. Meredith, Division of Environmental Quality, to D. Pisarski, Nu-West industries, Inc. December 5, 1989. Nu-West Inspection; and
- (m) Emissions test of the Beneficiation Dryer for Nu-West Industries. September 9, 1989.
- (n) Letter from Jame Bax, Division of Environmental Quality, to Cleve McCarty, Beker Industries, Inc. September 22, 1975. Permit to Construct Calcining Facility;
- (o) Air Permit No. 13-0420-0003-00 signed by W. Klein, Idaho Division of Environment issued to Beker Industries, Inc. July 18, 1979. Permit to Operate Conda Fertilizers Plant;

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Subcategory II-I
References Not Readily Available to the Public Elsewhere

Item No.

Description

II-I-51 Concluded

- (p) Memorandum from Bob Stenner, Division of Environmental Quality to Murray Michael, Division of Environmental Quality. May 4, 1981. Recommendation on NO. 4 Calciner; and
- (q) Stack Emissions Testing of the Phos Acid Plant for Nu-West Industries. September 7, 1990;

INFORMATION FOR J. R. SIMPLOT COMPANY
POCATELLO, IDAHO

Phosphoric Acid
Docket No. A-94-02
Subcategory II-I
References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-52	<p>Information concerning J. R. Simplot Company, Pocatello, Idaho. Includes the following:</p> <ul style="list-style-type: none">(a) Memorandum from P. Peterson, J. R. Simplot Company, to J. Cochrane, J. R. Simplot Company. February 18, 1971. Conda dryer exhaust tests;(b) Letter from J. F. Cochrane, J. R. Simplot Company, to L. Stokes, Idaho Department of Health and Welfare. December 3, 1974. J. R. Simplot's Don Complex monitoring report for airborne emissions during the third quarter of 1974;(c) Letter from J. F. Cochrane, J. R. Simplot Company, to L. Stokes, Idaho Department of Health and Welfare. July 25, 1975. J. R. Simplot's Don Complex monitoring report for airborne emissions during the second quarter of 1975;(d) Letter from J. F. Cochrane, J. R. Simplot Company, to L. Stokes, Idaho Department of Health and Welfare. July 18, 1978. J. R. Simplot's Mineral and Chemical Division emissions monitoring report for stack emissions during the second quarter of 1978;(e) Letter from J. F. Cochrane, J. R. Simplot Company, to L. Stokes, Idaho Department of Health and Welfare. January 29, 1981. J. R. Simplot's Mineral and Chemical Division emissions monitoring report for stationary stack emissions during 1980;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-52 continued	(f) Letter from W. A. Wolleson, J. R. Simplot Company, to D. Hardesty, Idaho Air Quality Bureau. April 8, 1985. Toxic air contaminant (TAC) and volatile organic compound (VOC) emissions study;
	(g) Letter from J. F. Cochrane, J. R. Simplot Company, to K. Brooks, Idaho Air Quality Bureau. October 11, 1985. Application for an air pollution emitting facility, increased phosphoric acid production;
	(h) Letter from L. W. Stokes, State of Idaho Department of Health and Welfare, to J. F. Cochrane, J. R. Simplot Company. October 22, 1985. Draft copies of the department's proposed permit to construct (#4 phosphoric acid plant);
	(i) Memorandum from A. L. Cole, State of Idaho Department of Health and Welfare, to D. Pisarski, State of Idaho Department of Health and Welfare. January 20, 1989. J. R. Simplot 1988 compliance inspection report;
	(j) Inspection Report. J. R. Simplot Company, Pocatello, Idaho. May 1989;
	(k) Letter from J. Nagel, State of Idaho Department of Health and Welfare, to W. Wolleson, J. R. Simplot Company. August 29, 1989. Proposed permit to operate;

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Subcategory II-I
References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-52 continued	(l) Source Test Report, #300 Calciner, J. R. Simplot Company. July 31, 1990;
	(m) Discussion of BACT for Fluoride and Total Reduced Sulfur Emissions Control from the Phosphoric Acid Plant. Attachment I, Fluoride Parameters and Calculations. J. R. Simplot Company, Minerals and Chemicals Group. Revision of November 19, 1990;
	(n) Air Permit Compliance Test Report, #400 Phosphoric Acid Plant, J. R. Simplot Company. January 25, 1991;
	(o) Memorandum from A. L. Cole, State of Idaho Department of Health and Welfare, to D. Pisarski, State of Idaho Department of Health and Welfare. January 28, 1991. J. R. Simplot Co. consent order inspection, AIRS #077-00006;
	(p) Air Permit Compliance Test Report, #100 Ammonium Phosphate Plant, J. R. Simplot Company. October 23, 1991;
	(q) Idaho Air Quality Bureau Inspection Report. J. R. Simplot Company. November 1, 1991;
	(r) Air Permit Compliance Test Report, #400 Phosphoric Acid Plant, J. R. Simplot Company. January 15, 1992;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-52 concluded	(s) Air Permit Compliance Test Report, #100 Ammonium Phosphate Plant, J. R. Simplot Company. October 19, 1992;
	(t) Air Permit Compliance Test Report, #400 Phosphoric Acid Plant, J. R. Simplot Company. January 28, 1993; and
	(u) Letter from N. F. Self, J. R. Simplot Company, to R. Hill, Idaho Permits & Enforcement Bureau. June 2, 1993. 1990 air toxics sampling report, J. R. Simplot Company.
	(v) Air Permit Compliance Test Report--TSP Granulation Plant. January 28, 1993;
	(w) Air Permit Compliance Test Report--Reclaim Cooling Tower Cell #1. January 28, 1993;
	(x) Annual Permit Compliance Test Report--#200 Ammonium Phosphate. April 21, 1992;
	(y) Annual Permit Compliance Test Report--#200 Ammonium Phosphate. January 30, 1992;
	(z) Annual Permit Compliance Test Report--TSP Granulation Plant. October 31, 1991;
	(aa) Annual Permit Compliance Test Report--Reclaim Cooling Tower Cell #6. October 31, 1991;
	(bb) Air Permit Compliance Test Report--TSP Granulation Plant. January 31, 1991;
	(cc) Annual Permit Compliance Test Report--Reclaim Cooling Tower #8 Cell. January 31, 1991

(dd) Annual Permit Compliance Test Report--
#200 Ammonium Phosphate. August 2,
1990;

INFORMATION FOR SEMINOLE FERTILIZER CORPORATION
BARTOW, FLORIDA

Phosphoric Acid
Docket No. A-94-02
Subcategory II-I
References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-53	<p>Information concerning Seminole Fertilizer Corporation, Bartow, Florida. Includes the following:</p> <ul style="list-style-type: none">(a) Florida Department of Environmental Regulation. Notice of Permit, Seminole Fertilizer Corporation, Permit No. AC 53-173936. March 30, 1990. No. 5 WPPA Plant Modification;(b) Florida Department of Environmental Regulation. Notice of Permit, Seminole Fertilizer Corporation, Permit No. AO53-167775. November 15, 1989. No. 4 WPPA Plant;(c) Florida Department of Environmental Regulation. Notice of Permit, Seminole Fertilizer Corporation, Permit No. AO53-167775. Undated. No. 5 WPPA Plant;(d) Letter from M. J. Martinasek, Seminole Fertilizer Corporation, to C. S. Lee, Florida Department of Environmental Regulation. March 7, 1989. Permit No. A053-89815, No. 4 phos. acid plant;(e) Letter from M. J. Martinasek, Seminole Fertilizer Corporation, to C. S. Lee, Florida Department of Environmental Regulation. July 27, 1989. Permit No. A053-109240, GTSP Blungers, 300X plant;(f) Letter from M. J. Martinasek, Seminole Fertilizer Corporation, to J. H. Kerns, Florida Department of Environmental Regulation. August 23, 1989. Permit No. A053-16775, No. 4 phosphoric acid plant;

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Subcategory II-I
References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-53 continued	(g) State of Florida, Department of Environmental Regulation. Application for Renewal of Permit to Operate Storage Building E-1 for Granular TSP. Seminole Fertilizer Corporation, Permit no. A053-94299. September 12, 1989;
	(h) Letter from M. P. Baig, Florida Department of Environmental Regulation, to K. V. Ford, Seminole Fertilizer Corporation. October 12, 1989. Notice of Permit-Polk County AP - A053-166906 for 300X GTSP Plant;
	(i) Letter from M. P. Baig, Florida Department of Environmental Regulation, to K. V. Ford, Seminole Fertilizer Corporation. October 12, 1989. Notice of Permit-Polk County AP - A053-166957 for 300Y GTSP Plant;
	(j) Letter from M. J. Martinasek, Seminole Fertilizer Corporation, to C. S. Lee, Florida Department of Environmental Regulation. October 19, 1989. Permit No. A053-101284, "X" GTSP blungers acidulator vent;
	(k) Letter from M. P. Baig, Florida Department of Environmental Regulation, to K. V. Ford, Seminole Fertilizer Corporation. November 17. Notice of Permit-Polk County AP - A053-167639 for No. 4 DAP Plant;
	(l) Florida Department of Environmental Regulation. Notice of Permit, Seminole Fertilizer Corporation, Permit No. A053-167775. December 12, 1989;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-53 continued	(m) Letter from M. P. Baig, Florida Department of Environmental Regulation, to K. V. Ford, Seminole Fertilizer Corporation. December 22, 1989. Notice of Permit-Polk County AP - A053-169781 for MAP/DAP Plant No. 3;
	(n) Letter from M. P. Baig, Florida Department of Environmental Regulation, to K. V. Ford, Seminole Fertilizer Corporation. January 10, 1990. Notice of Permit-Polk County AP - A053-170134 for GTSP Building E-4;
	(o) Letter from M. P. Baig, Florida Department of Environmental Regulation, to K. V. Ford, Seminole Fertilizer Corporation. January 10, 1990. Notice of Permit-Polk County AP - A053-170130 for GTSP Building E-1;
	(p) Memorandum from C. Phillips, State of Florida Department of Environmental Regulation, to File. February 27, 1990. Seminole Fertilizer Corporation, A053-167775 amendment;
	(q) Letter from M. J. Martinasek, Seminole Fertilizer Corporation, to C. S. Lee, Florida Department of Environmental Regulation. February 28, 1990. Permit No. A053-109240, GTSP blungers, 300X plant;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-53 continued	(r) Letter from M. J. Martinasek, Seminole Fertilizer Corporation, to C. S. Lee, Florida Department of Environmental Regulation. March 1, 1990. Permit No. A053-101284, "X" GTSP acidulator vent;
	(s) Letter from R. D. Garrity, Florida Department of Environmental Regulation, to K. V. Ford, Seminole Fertilizer Corporation. March 14, 1990. Polk County AP permit amendment, 300-X GTSP plant A053-166906;
	(t) Letter from R. D. Garrity, Florida Department of Environmental Regulation, to K. V. Ford, Seminole Fertilizer Corporation. March 14, 1990. Polk County AP permit amendment, 300-Y GTSP plant A053-166957;
	(u) Letter from R. D. Garrity, Florida Department of Environmental Regulation, to K. V. Ford, Seminole Fertilizer Corporation. March 30, 1990. Polk County AP permit amendment, A053-166906;
	(v) Letter from M. J. Martinasek, Seminole Fertilizer Corporation, to C. S. Lee, Florida Department of Environmental Regulation. May 8, 1990. Permit No. A053-101284, "X" GTSP acidulator vent;

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Subcategory II-I
References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-53 continued	(w) Letter from G. W. Richardson, Florida Department of Environmental Regulation, to K. V. Ford, Seminole Fertilizer Corporation. July 13, 1990. DER file no. A053-182948, Polk county;
	(x) Letter from M. J. Martinasek, Seminole Fertilizer Corporation, to C. S. Lee, Florida Department of Environmental Regulation. August 17, 1990. AC53-176936 modification on phos. acid plant nos. 3 and 5;
	(y) State of Florida Department of Environmental Regulation. Air Pollution Sources Certificate of Completion of Construction. Seminole Fertilizer Corporation, permit no. AC53-173936 August 29, 1990;
	(z) Letter from M. J. Martinasek, Seminole Fertilizer Corporation, to C. S. Lee, Florida Department of Environmental Regulation. September 11, 1990. Permit no. A053-109240 GTSP blungers, 300X plant;
	(aa) Letter from M. J. Martinasek, Seminole Fertilizer Corporation, to C. S. Lee, Florida Department of Environmental Regulation. September 13, 1990. Permit no. A053-101284 "X" GTSP acidulator vent;

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Subcategory II-I
References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-53 continued	(bb) State of Florida Department of Environmental Regulation. Application for Renewal of Permit to Operate Air Pollution Source(s). Seminole Fertilizer Corporation, permit no. A053-109240. September 1990;
	(cc) Letter from J. L. McDonald, Florida Department of Environmental Regulation, to K. V. Ford, Seminole Fertilizer Corporation. November 1, 1990. Notice of permit. DER file no. A053-186774, Polk county;
	(dd) Letter from M. J. Martinasek, Seminole Fertilizer Corporation, to C. S. Lee, Florida Department of Environmental Regulation. February 19, 1991. Permit no. A053-109240 X-GTSP granulators;
	(ee) Letter from M. J. Martinasek, Seminole Fertilizer Corporation, to C. S. Lee, Florida Department of Environmental Regulation. June 13, 1991. Permit no. A053-101284 "X" GTSP acidulator vent;
	(ff) Letter from M. J. Martinasek, Seminole Fertilizer Corporation, to C. S. Lee, Florida Department of Environmental Regulation. September 9, 1991. Permit no. A053-186774 X-GTSP granulators;
	(gg) Letter from M. J. Martinasek, Seminole Fertilizer Corporation, to C. S. Lee, Florida Department of Environmental Regulation. January 8, 1992. Permit no. A053-101284 "X" GTSP acidulator vent;

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References Not Readily Available to the Public Elsewhere

<u>Item No.</u>	<u>Description</u>
II-I-53 continued	(hh) Letter from M. J. Martinasek, Seminole Fertilizer Corporation, to C. S. Lee, Florida Department of Environmental Regulation. January 31, 1992. Permit no. A053-167775 no. 4 phos. acid plant;
	(ii) Letter from M. J. Martinasek, Seminole Fertilizer Corporation, to C. S. Lee, Florida Department of Environmental Regulation. March 19, 1992. Permit no. A053-186774 X-GTSP granulators;
	(jj) Letter from M. J. Martinasek, Seminole Fertilizer Corporation, to S. Sheplak, Florida Department of Environmental Regulation. April 30, 1992. Annual plant inspection - production rates;
	(kk) Letter from M. J. Martinasek, Seminole Fertilizer Corporation, to C. S. Lee, Florida Department of Environmental Regulation. June 4, 1992. Permit no. A053-167775 no. 4 phos. acid plant;
	(ll), Seminole Fertilizer Corporation, Bartow plant. GTSP-X acidulators stack no. 35. June 4, 1992;
	(mm) Letter from M. J. Martinasek, Seminole Fertilizer Corporation, to C. S. Lee, Florida Department of Environmental Regulation. July 21, 1992. Permit no. A053-101284 "X" GTSP acidulator vent;

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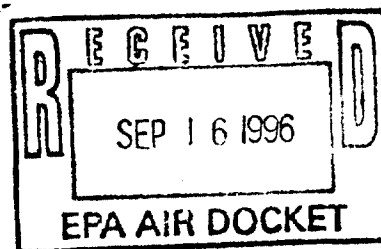
<u>Item No.</u>	<u>Description</u>
II-I-53 concluded	(nn) Letter from M. J. Martinasek, Seminole Fertilizer Corporation, to C. S. Lee, Florida Department of Environmental Regulation. November 30, 1992. Permit no. A053-167775 no. phos. acid plant;
	(oo) Letter from M. J. Martinasek, Seminole Fertilizer Corporation, to C. S. Lee, Florida Department of Environmental Regulation. December 2, 1992. Permit no. A053-159762 miscellaneous fume points on "Y" GTSP; and
	(pp) Letter from M. J. Martinasek, Seminole Fertilizer Corporation, to C. S. Lee, Florida Department of Environmental Regulation. January 25, 1993. Permit no. A053-167639 no. 4 fertilizer plant, DER ID no. 24.

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Subcategory II-I
References Not Readily Available to the Public Elsewhere

Item No.Description

II-I-54

E-Mail From T. Harrison, EPA:EMAD to D. Painter,
EPA:ESD. October 19, 1994. Transmittal of a Copy
of the CEMS Cost Manual Cited in the November 1994
Draft of the Technical Support Document.



Phosphoric Acid
Docket No. A-94-02
Subcategory III-A
Proposal

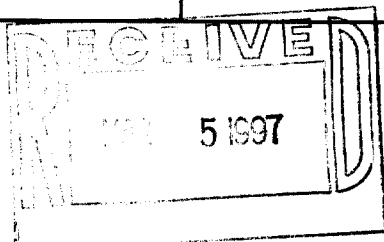
<u>Item No.</u>	<u>Description</u>
III-A-1	National Emissions Standards for Hazardous Air Pollutants: Phosphoric Acid Manufacturing and Phosphate Fertilizers Production. U. S. Environmental Protection Agency. November 21, 1996. Notice of Proposed Rulemaking, Basis and Purpose, Proposed Rules, and Notice of Public Hearing.
III-A-2	61 FR 68430, December 27, 1996, National Emissions Standards for Hazardous Air Pollutants: Phosphoric Acid Manufacturing and Phosphate Fertilizers Production; Proposed Rule.

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Category: IV-D

Additional comments received (including any correspondence from persons outside EPA whether or not labeled as public comments

<u>Document Number</u>	<u>Date Rcvd in Docket</u>	<u>Commentor, Addressee, Title or Description, etc.</u>	<u>Date of Document</u>
IV-D-01	02-24-97	A.W. Klimek, P.E., Director, Department of Environment, Health and Natural Resources, State of North Carolina, Raleigh, NC	02-24-97
IV-D-02	02-28-97	V. Copelan, Regional Supervisor, Department of Environment, Health and Natural Resources, State of North Carolina, Raleigh, NC	02-25-97
IV-D-03	02-21-97	C.W. Keffer, Jr., Director, Regulatory Management, Monsanto Company, St. Louis, MO	02-19-97
IV-D-04	02-28-97	W.A. Schimming, Director, Environmental Affairs, PCS Phosphate, Raleigh, NC	02-17-97
IV-D-05	02-27-97	B.M. Higgins, Chair, STAPPA Air Toxics Committee and R.H. Colby, Chair, ALACO Air Toxics Committee, Washington, Dci	02-25-97
IV-D-06	02-26-97	D. Wefring, Regulatory Specialist, 3M Environmental Technology and Services, St. Paul, MN	02-21-97
IV-D-07	02-26-97	R.A. Flye, McKenna & Cuneo, L.L.P., Attorneys at Law, Washington, DC	02-25-97
IV-D-08	02-26-97	M. Johnson, Environmental Manager, Agrium Conda Phosphate Operations, Soda Springs, ID	02-24-97
IV-D-09	02-26-97	W. Wolleson, Senior Environmental-Engineer, J.R. Simplot Company, Pocatello, ID	02-24-97
IV-D-10	02-18-97	T.W. Reese, Attorney at Law, St. Petersburg, FL	02-12-97



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Correspondence received from persons outside the agency

<u>Document Number</u>	<u>Date Rcvd in Docket</u>	<u>Commentor, Addressee, Title or Description, etc.</u>	<u>Date of Document</u>
IV-D-11	02-25-97	M. Wax, Deputy Director, Institute of Clean Air Companies, Washington, DC	02-21-97
IV-D-12	03-04-97	G.D. Myers, President, The Fertilizer Institute, Washington, DC	03-02-97
IV-D-13	02-24-97	R.G. Olivier, Environmental Manager, Louisiana Chemical Operations, IMC-Agrico Company, Uncle Sam, LA	02-18-97
IV-D-14	03-06-97	W.N. Cory, P.E., Administrator, Idaho Division of Environmental Quality, Boise, ID	02-28-97
IV-D-15	10-27-97	G.M. Brocato, Davis Instruments, Baltimore, MD	04-23-97
IV-D-16	10-27-97	Material provided by J.M. Skillen, The Fertilizer Institute	undated
IV-D-17	10-27-97	A.W. Klimek, Director, North Carolina Department of Environment and Natural Resources, Division of Air Quality, Raleigh, NC	10-03-97
IV-D-18	10-27-97	W.A. Schmming, Director, Environmental Affairs, PCS Phosphate, Raleigh, NC	10-07-97
IV-D-19	08-24-98	A.A. Linero, Professional Engineer, Tallahassee, FL	08-18-98

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Correspondence received from persons outside the agency

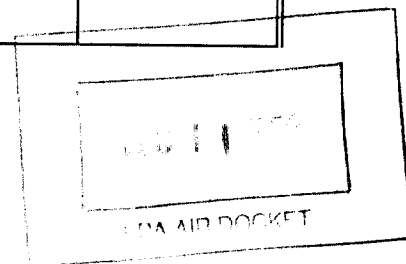
<u>Document Number</u>	<u>Date Rcvd in Docket</u>	<u>Commentor, Addressee, Title or Description, etc.</u>	<u>Date of Document</u>
IV-D-18	10-27-97	W.A. Schmming, Director, Environmental Affairs, PCS Phosphate, Raleigh, NC	10-07-97
IV-D-19	08-24-98	A.A. Linero, Professional Engineer, Tallahassee, FL	08-18-98
IV-D-20	12-11-98	J. Kissel, Florida Department of Environmental Protection, Tampa, FL	04-06-98
IV-D-21	12-11-98	G. Brown, Idaho Division of Environmental Quality, Pocatello, ID	01-21-97

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Category: IV-I

References Not Readily Available to the Public Elsewhere

[illegible]

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Category: IV-E

EPA Memoranda of meetings and telephone conversations with
persons outside the Agency

<u>Document Number</u>	<u>Date Rcvd in Docket</u>	<u>Commentor, Addressee, Title or Description, etc.</u>	<u>Date of Document</u>
IV-E-01	10-27-97	Meeting between PCS Phosphate and EPA. Discussion centered around a review of the types of solvent usage data available and options for averaging solvent smissions over time.	01-23-97
IV-E-02	10-27-97	Telephone call from William Schimming, PCS Phosphate to David Painter, EPA. Subject: NESHAP Proposal-MIBK limits.	01-08-97
IV-E-03	10-27-97	Telephone call from David Painter, EPA to Gina Brocata, Davis Instruments. Subject: Availability of instrumentation that is sensitive at 0.1' (H2O)- a corrosive environment.	04-23-97
IV-E-04	10-27-97	Telephone call from Kevin Miller, NC DEHR to David Painter, EPA. Subject: PSC PPA Plant at Aurora.	07-17-97
IV-E-05	10-27-97	Telephone call between Bill Schimming, Steve Phillips, and Brad Peacock, PCS Phosphate and David Painter, EPA. Subject: Proposed MIBK.	07-23-97
IV-E-06	10-27-97	Telephone call from David Painter, EPA to Kevin Miller, NCDEHR.	08-14-97

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Category: IV-E

EPA Memoranda of meetings and telephone conversations with
persons outside the Agency

<u>Document Number</u>	<u>Date Rcvd in Docket</u>	<u>Commentor, Addressee, Title or Description, etc.</u>	<u>Date of Document</u>
IV-E-07	10-27-97	Telephone call from Jim Skillem, TFI to David Painter, EPA. Subject: Status of Project	10-01-97
IV-E-08	10-27-97	Telephone call from David Painter, EPA to Bill Schroeder, Florida DEP> Subject: Testing for P205.	10-07-97
IV-E-09	12-11-98	Notes from meeting on the Phosphoric Acid Manufacturing NESHAP	01-23-97
IV-E-10	12-11-98	Notes from telephone conversation between J. Kissell, Florida DEP, and D. Painter, OAQPS, regarding the Response to Comments on Monitoring	03-12-98
IV-E-11	12-11-98	Notes from telephone conversation between W. Schroeder, T. Ellison, and D. Painter, OAQPS, regarding Operating Parameter Fluctuations	03-04-98

DEC 1

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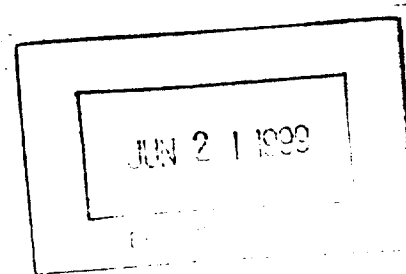
NESHAP for Phosphoric Acid Manufacturing and
Phosphate Fertilizers Manufacturing
Docket No. A-94-02
Category V
Final Action
Subcategory V-A
Notice of Rulemaking

Document No.

Description

V-A-1

Federal Register. National Emission Standards for Hazardous
Air Pollutants for Source Categories; Phosphoric Acid
Manufacturing and Phosphate Fertilizers Manufacturing;
Final Rule. 64 FR 31358. June 10, 1999.



NESHAP for Phosphoric Acid Manufacturing and
Phosphate Fertilizes Manufacturing
Docket No. A-94-02
Category VI
Reconsiderations

Document No.

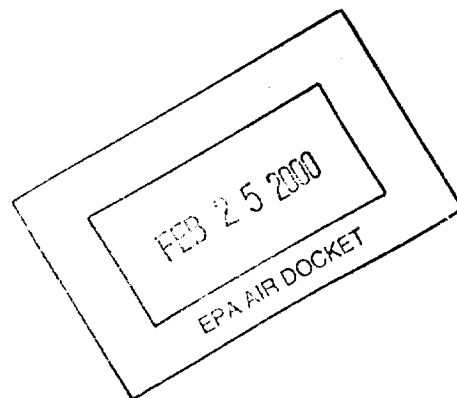
Description

VI-A-1

Letter from C. S. Leason, Counsel for The Fertilizer Institute;
McKenna & Cuneo, L.L.P.; November 3, 1999. Request
Seeking Reconsiderations.

VI-A-2

Letter from C. S. Leason, Counsel for The Fertilizer Institute;
McKenna & Cuneo, L.L.P.; January 12, 2000. Follow-up to
conference call.



Docket: A-94-02
Phosphoric Acid Manufacturing HESHAP

Category: VI-D

Additional comments received (including any correspondence from persons outside of the EPA whether or not labeled as public comments) during the public comment period

[illegible]

Docket: A-94-02

Category: VI-E

EPA Memoranda of Meetings with Outside Persons and of Telephone
Conversations with Outside Persons

Document Number	Date Rcvd in Docket	Commenter, Addressee, Title or Description, etc.	Date of Document
VI-E-1	JUN - 6 2002	Telecon. Keith Barnett, EPA/ESD and Richard Elkins, Idaho Department of Environmental Quality. Status of Nu-West Claciner	April 18, 2002

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JUN - 6 2002

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